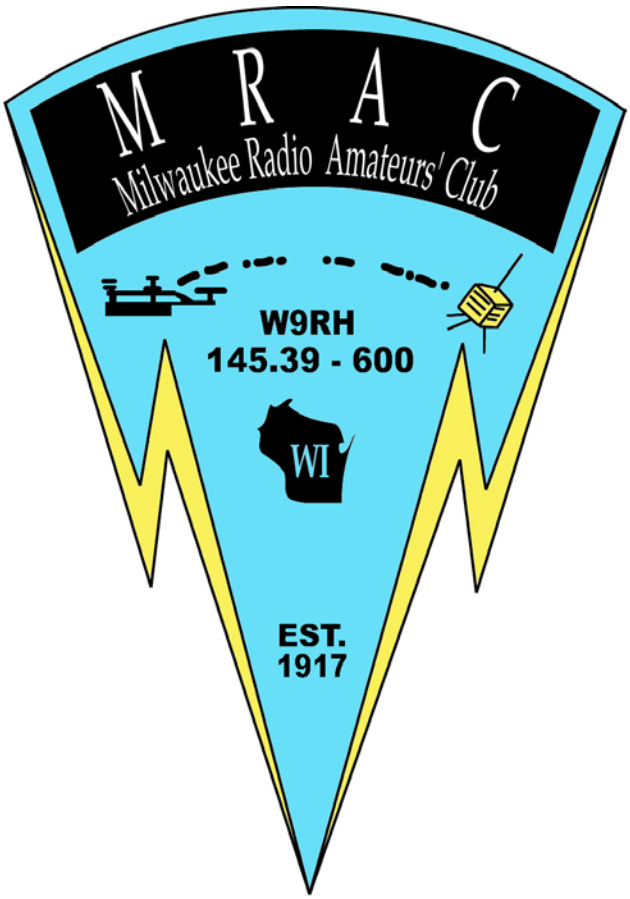
The History Of
The Milwaukee Radio Amateurs' Club Inc.
"MRAC"

Version 2013
1917-2013 – 96 YEARS!



The History Of The Milwaukee Radio Amateurs' Club Inc. 2013 Edition

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Introduction

For a group in existence as long as the Milwaukee Radio Amateurs' Club, no effort was made to compile an official history of the group until 2000. I mentioned at a board meeting that we should undertake a project to create a written club history. I was hoping to form a committee of 2 or 3 people but Jim Tromblay, WB9LNU, the club Secretary, Custodian, Historian, Trustee, etc offered to give it a shot himself. As Custodian and Historian, he had most of the club historical records in his possession. A couple of months later Jim handed me his take on the club history written in an outline form, year-by-year. As is the case when sifting through 80+ years of documents, there were some gaps in the time-line. Some of those gaps were filled with general world news headlines (taken from newspaper clippings found in the club archives by Jim). Those headlines serve to add to the ambiance of the MRAC story.

I dug through some pictures (while working on the club photo album/scrapbook), and added them to Jim's text to create an 5-1/2 x 8-1/2 booklet which we had printed and handed out to all members. I then created a "normal" size 8-1/2 x 11 document with some color added (because we can) that was published on the club Internet site for download.

Shortly after publication, Hans Schroeder, AE9G, asked if I would mind a critique of the document (after all, Hans was a recently retired college professor). I said sure, go ahead, and at the next club meeting Hans handed me a marked up document with corrections in punctuation, grammar, and some other comments. I put this in the pile for future work and in 2003, incorporated Hans' comments, added info for the years 2000-2003, filled in a few other bits and pieces and published the 2003 version of the history on the club Web site (we did not offer a printed version due to costs). I was then Historian as Jim Tromblay had retired and moved out of town.

In 2005 the history was updated to pick up information of the years 2003 on, and even add some additional history information. In 2003 Ed Seruga KE9JJ produced a box of photos and papers he had. In 2005 the club received from Robert Felber, the son of Emil Felber W9RH SK 2 boxes of club papers, a scrapbook of newspaper clippings about the club and still more photos. The recent finds produced a number of documents that were written by club members over the years that covered some of the milestones of the club. Those documents have been included in versions of the MRAC History since 2005 in their entirety. I also added a written history of the club repeater before those details are lost and forgotten. All those articles appear following the history timeline as originally developed by Jim. Also the beginnings of a complete list of club officers was added (from a list compiled by Emil Felber).

The 2006 edition marked the first in annual updates. Of course those updates include recent news items about amateur radio and the club and the world around us as listed in the timeline. Also included in 2005 is a letter from Yvonne Robel, the daughter of Clarence Crapo W9VD SK (the second President of the club), which accompanied a collection of 75 glass mount slides of club activities from almost the beginning through the 30's. Jim Tromblay, WB9LNU while cleaning up his stuff from moving to northern Wisconsin, presented me with a continuing list of club officers (picking up from where the Emil Felber list left off through 1997) as well as a brief write up of by-laws history he prepared for a by-laws change in the mid nineties. I have added to the officer list and the by-laws history to sort of bring them up to current time. I say sort of as the officer list is a big project and is not yet 100% complete. The repeater story was also approved by one of the principles in the project, Dave Karr, KA9FUR, and I added some additional new information.

For 2007, The officer list was added to greatly. It is still not 100% but much closer. Besides additions to the timeline for 2006 and 2007, there were additions and corrections to entries from earlier years. Of course, 2007 marked the 90th birthday of the club.

For 2008, new items include the beginning of a complete member list. It is only a beginning (starting around 800 names) as with over 90 years of members it will take some time to get everyone in the list. Once again, some work by Jim Tromblay was the genesis of this project as Jim gave me a list he started compiling while he still had the club archives (an entire note pad filled with handwritten calls, names and dates). In the very early years, full names were not used in lieu of first and middle initials and last name. Also call signs were also not always listed with a person's name, so very early data compilation requires a lot of work. In recent years the constantly changing call signs make things

difficult. Of course, the timeline picks up recent information as well as more information added to past years, including more on the beginning years of radio and radio clubs. Some data has been expanded where more detail is found.

2009 brings a couple of new articles, including the FM Simplex Contest, the club's involvement with Field Day, and the club's involvement with the VEC testing program. As usual the timeline has additions and enhancements and more info is added to the officer and member lists.

Currently the Field Day story is just a small beginning, dealing with recent operations and little bits of info from previous years.. Watch for more past details to come in the future. The FM Simplex Contest story will of course have additions each year the contest continues. Also new is the beginnings of a listing of club members who have held elected or appointed positions with national organizations (ARRL, NCVEV, etc). We are also adding a list of Silent Keys. At some point everyone who is a member will probably appear in this list. I started the list as for a few years in the 2000s the club kind of neglected to mention / honor members who recently passed. For a time this was the only mention of them. It is being included not just to take up space, but to act as a final tribute to a club member and is listed by the year a member passes.

For 2010 thru 2012 there are no new major articles/stories, but there are updates and additions to the timeline, the officer list, the total member list and the silent key list along with additions to some of the existing stories. Officer duties have kept revisions low. Nonetheless, the book has grown to 113 pages.

2013 brings the usual additions and updates to the timeline and other date sensitive sections (Field Day, FM Contest, etc. Of course there are more additions to the all member lists ad unfortunately the Silent Keys list. In recent years the timeline has seen additions relating to some of the pioneers of the amateur radio equipment field as well as general electronics and audio electronics. After all, amateur radio is a technical hobby and over the years many hams have been involved in and certainly been a consumer of audio equipment and other types of electronic equipment. Also, any reprints of existing documents are printed exactly as found. There may be misspelling, wrong grammar, slang from a particular era. Things are left as they were originally written.

Hopefully we can keep this a living document so future amateur radio operators can fully appreciate the long and illustrious (and sometimes not so stellar) story of the Milwaukee Radio Amateurs' Club. My plan is to still try update the document every year with at least the important events of the past year (both for MRAC and the world). With each passing year more club information is uncovered and additional articles will be added as discovered. If anyone has any information (or comments) on important topics as well as any information for the officer list, member list, or any other topic from our past (including the desire to write an article yourself) please contact me.

Regular readers may notice a shift in editorial policy from totally neutral to maybe embellishing things a bit. MRAC is not afraid to air it's occasional dirty laundry. The club is not about to hide or distort the truth just to make itself look good. Only a proud, vibrant, and professional organization can operate with full and honest disclosure.

This book of club history is really not the whole story. There is also a photo album/scrapbook which currently fills 2 - 3 ring binders on paper and makes up a huge slide show presentation. Recently, the slide show has been turned into a series of short (5-15 minute) computer videos. At this time the videos are 99% silent, but a soundtrack of music and narration and more is high on the list for future enhancements. Besides the photos there are a couple of video collections of Field Day activities and even TV news coverage of a Field Day from the 1980's. Finally, there is a never ending project of scanning all the collected club documents (or collecting electronic versions from recent computer generated documents) from the beginning of the club to current. Currently there are almost 1GB of Adobe Acrobat files in the electronic archives (over 1700 files). All of this information is available to any club member or anyone interested in the club. Contact the board or myself for further information. We are investigating trying to get as much of that information available on-line for all to access at any time.

For a number of years the club touted itself as the oldest continuously active amateur radio club in the world. In recent years we have discovered information that contradicts that. However, while a number of clubs actually started before MRAC. Only a handful remain and few have remained continuously active. So MRAC is one of a very few of the world's oldest continuously active amateur radio clubs. Interestingly, as one of the newly discovered documents show, MRAC was not the first club

formed in the Milwaukee area. The Milwaukee Radio Association was formed previous to MRAC. That club died out during World War I and it's membership was absorbed into MRAC. (maybe we should change our start date?). According to a letter from ARRL in 1969, MRAC at that time (50 years of affiliation) appeared to be the oldest continuously active radio club affiliated with ARRL. But why not read the story for yourself.

Why should you care about the history of a lowly radio club? If you are an officer of the club it is good to know what has been done before or maybe not done before. What worked and what did not. If you are a member of the club or just a visitor to the history, why not read about some of the lives of the people who were involved with amateur radio and the MRAC over the last 95+ years. Recently, a newer club member and recent board member told me that every board member should be required to read the history to understand the heritage of the club. While that makes me feel good, I won't go that far (sometimes board members do not even know what's in the by-laws, sorry, editorial)

Amateur radio is a very unique hobby. Why not learn everything you can about this strange and fascinating pursuit. After all, like it or not, you are carrying on the tradition started by the people listed in this document. Even though many are gone now, make them proud of what has come of their work and passion and don't let them down!

So let's travel through the years and see the highlights of MRAC, amateur radio and some world news.

Dave DeFebo, WB9BWP President 1982-1984, 1998-2002, 2010-2012, Janitor, current history guy (2003-), part of repeater technical committee and license trustee and (usually) proud club member since September 1968.

Credits/Revision History

2000 – Initial creation including timeline and Past Presidents. Created a 8-1/2 x 5-1/2 printed booklet with photo montage on back cover and distributed to all club members.
Jim Tromblay WB9LNU – initial and continuing research and text
Dave DeFebo WB9BWP – document formatting, master printing
John Merkl WB9PSE – hard copy printing and member distribution

2003 – Continuing timeline enhancements and general corrections. Reformatted for 8-1/2 x 11 page and published only electronically in PDF form.
Dave DeFebo WB9BWP – *"Introduction"*
Hans Schroeder AE9G – proofreading

2005 – Continuing timeline additions and enhancements. Expanded the Introduction. Added articles on the early years of the club, the communications van, MacArthur Parade, and the W9RH Repeater.
Loy Schell Hillegas-Baird 9HO – *"The Milwaukee Radio Amateurs' Club"* – the beginning
Unknown – *"The MacArthur Parade"*
Unknown – *"From Dollars To Doughnuts"* – the van story
Dave DeFebo WB9BWP - *"The W9RH Repeater",*
Dave Karr KA9FUR – Proofreading and approval of the article *"The W9RH Repeater"*
Mark Tellier AB9CD – proofreading and master printing

2006 – Continuing timeline additions and enhancements
Jim Tromblay WB9LNU - *"A Brief History of MRAC By-Laws"*
Yvonne Robel (daughter of Clarence Crapo W9VD) – letter to MRAC

2007 – Continuing timeline additions and enhancements

2008 – Continuing timeline additions and enhancements, Beginning of All Members List.
Jim Tromblay WB9LNU – ***"****The All Members List"* initial data collection.
Mark Tellier AB9CD – proofreading

2009 – Continuing timeline, member list, officer list additions and enhancements. Added the beginnings of articles on the VEC, Field Day, FM Simplex Contest and lists of officers of national organizations and Silent Keys.
Ray Adams W4CPA – VEC history portion of VEC Story
Tom Fuszard KF9PU – Various parts of the VEC Story and proofreading of whole chapter.

2010-2011 – Continuing timeline, member list and Silent Key additions, officer list additions and miscellaneous enhancements.

2012 – Continuing timeline, member list and Silent Key additions, officer list additions and miscellaneous enhancements (enough so you have to read through everything). The initial appearance of the article on the MRAC / MAARS Interclub hamfest. Starting for this year, any chapter/section of this book will contain the year of the latest revision to that chapter/section beneath its title.

2013 – Continuing timeline, member list and Silent Key additions, officer list additions and miscellaneous enhancements. A reprint of a newsletter story on Emil Felber W9RH.

Past Officer Listings - **Emil Felber W9RH**, **Jim Tromblay WB9LNU**, **Dave DeFebo WB9BWP**

Member list - **Jim Tromblay WB9LNU**, **Dave DeFebo WB9BWP**

And also thanks to the members of the Milwaukee Radio Amateurs' Club Inc. since 1917 who helped create all this history…

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The Timeline

(2013)

1865

- May 17 – The International Telegraph Union (ITU) is established as a standards organization. It would later become the International Telecommunications Union.

1901

- December 12 – Radio signals received in St. John's Newfoundland, Canada, from Poldhu, Cornwall, England.

1907

- The Junior Aero Club of U.S. was founded in New York City.

1909

- The Junior Wireless Club Limited was formed by members of the Junior Aero Club of U. S.
- Radio Society of the Institute for Geographic Exploration is formed at Harvard University. One year later the group changes its name to the Harvard Wireless Club.

1910

- The Wireless Institute of Australia is formed.
- The Georgia Tech Amateur Radio Club is formed at Georgia Tech University.
- The Hammarlund Manufacturing Co. is formed in New York City by Oscar Hammarlund to produce variable capacitors and other electronic components.

1911

- The Junior Wireless Club Limited changes its name to the Radio Club of America.

1912

- Congress passes the Radio Act of 1912, licensing amateur radio operators and restricting them to wavelengths shorter than 200 meters (frequencies greater than 1500 KHz). This was in part to prevent them (us) from interfering with government radio stations.
- The Hamilton Radio Club is formed in Hamilton Ohio.
- Texas A&M University Radio Club is formed.
- The Institute of Radio Engineers (IRE) is formed in New York.
- The Titanic hits an iceberg and sinks.

1913

- The Wireless Association of Cambridge (Ohio) was formed – December 4. It later changed it's name to the Cambridge Amateur Radio Association.

1914

- The School Of Engineering (later to become Milwaukee School Of Engineering – MSOE) amateur radio club is formed. The call sign was 9SO (later W9HHX).
- The American Radio Relay League was formed by Hiram Percy Maxim 1AW and Clanence Tuska 1WD who was the Secretary of the Radio Club of Hartford.
- The National Toy Company was formed. It would later become National Radio Company.
- War breaks out in Europe.

1915

- The first issue of QST is published by the ARRL

1916

- The South Jersey Radio Association is incorporated (June 12).
- The Radio Club Of Tacoma (Washington) is formed (October).

1917

- January—The Milwaukee Radio Amateurs' Club was formed by Loy Schell Hillegas-Baird 9HO, A. C. Kletzsch Jr., J. B. Hitz, and Alonzo Pawling.
- The first MRAC meetings were held in the Trustee's Room of the Milwaukee Public Museum.
- The U.S. declared war on Germany.
- Radio Amateurs are ordered off the air due to the war.
- ARRL closes down for the war (MRAC does not).
- Congress passed the Espionage Act, providing a $10,000 fine and 20 years in prison for anyone who encouraged disloyalty or interfered with the draft.
- U.S. purchases the Virgin Islands from Denmark.

1918

- The Milwaukee Radio Association disbands. It's membership is absorbed by MRAC.
- March 13 was the start of daylight savings time (for the first time).
- October—the Influenza Epidemic strikes 1/4th of all U.S. citizens. War assembly plants were shut down and panic spreads from coast to coast.

1919

- MRAC became affiliated with the ARRL (December 5). Request letter was sent October 24, 1919. MRAC was the seventh organization affiliated.
- Ban on amateur radio because of World War I was lifted (October).
- Hiram Percy Maxim, founder of the ARRL, made the first major push to affiliate radio clubs across the country.
- January 3, 9XM in Madison, Wisconsin begins radio broadcasts of weather reports. 9XM would eventually become WHA radio.
- Ratification of the 18th amendment to the constitution on prohibition, outlawing liquor, created turmoil.
- Captain John Alcock and Lt. Arthur Whitten Brown fly the first non-stop flight from Newfoundland to Ireland across the Atlantic Ocean.

1920

- MRAC holds meetings in a lecture room in the OLD Insurance Building through the courtesy of the School Of Engineering (later Milwaukee School Of Engineering).
- MRAC dues are $0.50 per month for Member and Associate (not licensed) members and $0.25 per month for Junior (under 18) members.
- All MRAC members must join ARRL (ARRL dues were $2).
- The Wisconsin Radio League folds and its membership is absorbed by MRAC.
- The South Jersey Radio Association becomes affiliated with ARRL (April 9, 1920).
- The MIT Radio Society of Cambridge Ma becomes affiliated with ARRL (April 14, 1920).
- Nov. 2, 8ZZ in Pittsburgh, Pennsylvania broadcasts the results of the Harding – Cox presidential election. Later the call sign would be KDKA, often reported to be the first commercial broadcast radio station (but not entirely true, see 1919 for one example).
- Tucson, Arizona inaugurates the first municipal airport in the country.

1921

- MRAC meets almost every Monday (except for the 3rd Monday of each month) in the Trustee's Room of the Milwaukee Public Museum.
- First ARRL National Convention is held in Chicago.
- Professor Albert Einstein introduced "Time" as the fourth dimension to his theory of relativity.

1922

- MRAC starts its first code and radio building classes.
- MRAC members are still using spark transmitters but agree to stay off the air until after 10:30 PM to minimize interference to new broadcast stations.
- MRAC dues are $0.50 / month (that's equal to $69.00 for a year in 2007 money or $82.92 in 2013 money) with a $1.00 ($11.50 in 2007 money or $13.82 in 2013 money) initiation fee.
- After some opposition, the South Side Radio Club of Milwaukee merges into MRAC (exact date and year not verified).
- The Lincoln Memorial was dedicated in Washington D.C.
- Daily radio broadcasting of music and news was scheduled in New York City. Crystal headphone receiving sets were selling rapidly.

1923

- March 10 – MRAC is incorporated in Milwaukee County (with the state of Wisconsin).
- 97 new members joined MRAC during the year.
- May 15 – All amateur licenses issued after this date would bear the words prohibiting transmission in the evening between the hours of 7:30 PM and 10:30 PM.
- Department of Justice officials asked all amateurs to voluntarily change from spark to CW transmissions. (The Dept. of Justice had charge of radio before the creation of the FCC).
- E.F. Johnson company was founded as a mail order supplier of electronic parts.
- Time magazine was founded.
- The first Schick electric shaver was sold.

1924

- The Milwaukee Journal started a column in their newspaper called "HamChatter".
- MRAC has CW classes and radio theory once a week.
- The Milwaukee School Of Engineering Amateur Radio club changes its call sign to W9HHX, still in use today.
- Amateurs using phone transmissions were warned to stop or they would loose their license, only CW was currently legal.

1925

- MRAC starts its own newsletter following the format of a small magazine. The publication is called the Badger ARRL News. Hams from all across the country joined the club to receive the 'News.
- IARU – International Amateur Radio Union founded in Paris. Hiram Percy Maxim W1AW becomes the first IARU President (Maxim organized the Paris meeting where IARU formed).
- The Army Amateur Radio System was formed. This is what would become "MARS".

1926

- MRAC has members in all 48 states due to the popularity of the "Badger ARRL News" newsletter. The newsletter contained diagrams on crystal oscillators and other up to date radio circuits that could be built.
- MRAC dues were $5 for residents and $1 for non-resident ($58.69 and $11.74 in 2007 dollars)!
- MRAC sponsors the “Badger Ham Roundup” on June 12. Most activities take place at the Journal Building with a luncheon at Gimbels Grill Room and banquet at the Hotel Maryland (4th and Sycamore St). $2 admission covers everything except the luncheon.
- General Billy Mitchell begins to establish a modern military air power.
- Henry Ford starts offering his cars in other colors besides black. He also introduces the 8-hour work day and 5 day work week to the auto industry.
- NBC organizes the first nationwide radio broadcast network.

1927

- MRAC organizes two baseball teams, the "Key-Klickers” and “Brass Pounders".
- The Racine (Wisconsin) Megacycle Club (amateur radio club) is formed.
- President Calvin Coolidge signs the “Radio Act of 1927 creating the Federal Radio Commission. The commission would have five people.
- The International Radiotelegraph Conference as held in Washington DC (11/25/27) resulted in a new 10M amateur band covering the frequencies of 28.0 – 30.0 MC.
- There were approximately 30,000 licensed radio amateurs in the US.
- The first iron lung is used.
- Charles A. Lindbergh reaches Paris by air in 33 hours and 29 minutes.
- The first talking motion picture is produced and TV's first successful transmission is made.

1928

- MRAC installs a club station at the Coast Guard Station at McKinley Beach.
- MRAC sponsors the first ARRL Central Division Convention at the Milwaukee Republican Hotel, Friday thru Sunday, May 25 – 27 (April 21 – 22 was the preliminary planned date).
- The MRAC membership committee headed up by E. G. Nickel, W9ETO reports 29 new members joined during the year.
- The Radio Commission starts testing for "Amateur First Grade" licenses.
- Commander Byrd Expedition is in progress to the South Pole. Byrd had amateur radio equipment along.
- Walt Disney releases the first Mickey Mouse cartoon called "Plane Crazy" and also the first cartoon with sound.

1929

- MRAC buys code practice equipment to teach large classes.
- Al Capone's infamous St. Valentines Day Massacre takes place.
- The U.S. Stock Market crashes (for the first time).
- The first public broadcast television transmission to the general public took place in Crystal Palace, London, England by the BBC using an electro-mechanical TV system.

1930

- MRAC continues with annual picnics and code & theory classes.
- ARRL Official Observer Stations were established to watch for Hams operating outside the bands.
- The Chicago Northwestern Railway asked for a list of club members who could be called if they had an emergency. Seven MRAC members volunteered.
- Albert Einstein arrives in the U.S. from Germany.
- The existence of the planetary body Pluto is confirmed.

1931

- MRAC members start building 5 meter equipment, 56 Mc (i.e.: 56 MHz).
- The Milwaukee Journal ends "HamChatter" in the newspaper. However, they granted the club time to broadcast information over WTMJ-AM radio.
- The I.R.E. (Institute of Radio Engineers) held a convention June 4-6 in Chicago. Club members were encouraged to attend.
- Herbert Hoover signed an Act making "The Star-Spangled Banner" the national anthem.
- Thomas Edison dies.

1932

- MRAC begins using motion pictures for training and entertainment at meetings.
- William Halligan founds the Halicrafters Co. in Chicago, Illinois.
- The Polaroid camera is invented.
- Franklin Roosevelt is elected president, he pledged the "New Deal" for all Americans.

1933

- ARRL starts the contest Field Day. MRAC participates in the very first and has ever since.
- Many members attend the "Chicago World's Fair" for radio demonstrations.
- Arthur Collins W0CXX (also 9CXX and W9CXX) incorporated the Collins Radio Company in Cedar Rapids Iowa (moving the company out of his basement).
- The U. S. Government offered training programs in radio and other fields in an effort to get people to sign up for the "Army or Navy Volunteer Reserve".
- Prohibition is repealed.
- Hitler is appointed Chancellor of Germany.

1934

- Unions in the U.S. gain great power.
- Congress creates the Federal Communications Commission (FCC) replacing the Federal Radio Commission. At this time the new FCC also gained regulatory power over common carriers (telephone and telegraph companies) which previously were regulated by the Interstate Commerce Commission.

1935

- MRAC's founder gets tuberculosis and is confined to a sanatorium.
- MRAC begins on the air code practice on 160 M. These continue until 1941.
- Bootleg 5 meter stations become a problem.
- ARRL creates the "ARRL Emergency Corps".
- National Radio Company introduces the HRO receiver.
- Congress enacts Social Security.

1936

- Walt W3NPS and Bill W8IFD Good (identical twins) developed and flew the first radio controlled model airplanes.
- FDR is elected for a second term.
- The Olympics are held in Germany. Hitler expected the games to be a show place to prove the superiority of the Nazi system. As a result the Olympics featured the first live television broadcast of a sporting event.

1937

- Howard Hughes established a transcontinental flight record.
- The Golden Gate Bridge is dedicated in San Francisco.
- Amelia Earhart makes her last flight.

1938

- Nazi Germany takes over Czechoslovakia.
- Walt Disney's "Snow White and the Seven Dwarfs" is the top money making movie of the year.

1939

- MRAC sets up a booth at the Wisconsin Hobby Exposition at the Auditorium.
- MRAC also starts having a raffle to raise money.
- MRAC Dues at $0.25 / month (yes monthly).
- MRAC has 72 members.
- The 16th annual MRAC sponsored “QSO Party” at the Milwaukee Athletic Club had over 300 Wisconsin hams in attendance.
- FDR is the first President on TV over the NBC experimental channel.
- Scientists split the atom.
- Germany invades Poland.
- William Hewlett and David Packard form the Hewlett Packard Company in Palo Alto California.

1940

- MRAC sponsors the Wisconsin ARRL Convention at the Schroeder Hotel (June 15,16).
- Dr. Vladimir K. Zworykin demonstrates the first electron microscope.
- Woman's first Nylon stockings go on sale.
- U.S. cipher experts use a technique they called "Magic" to break the Japanese secret diplomatic code.
- FDR is elected for his third term.
- The first helicopters are flying.

1941

- With a number of members going into the armed forces due to the war, MRAC members still in Milwaukee record a series of 78 rpm records to send audible greetings to members overseas.
- MRAC organized a bowling party for December 6.
- December 8—MRAC worked with the Mayors office to set up a state-wide and local civil defense program.
- MRAC withdraws from the Chicago Area Radio Council.
- MRAC investigates the possibility of Honorary and Life memberships.
- The ARRL is flooded with requests from the government for technical men needed on National Defense projects. Special registration blanks were included in the December QST. The government was looking for specialist with radio experience to replace civilian workers that have been called into the service or to a defense post.
- December 7—the Japanese attack Pearl Harbor.
- The Red Cross suggested that club members form a group to take First Aid instructions ASAP.
- Rubber tires are the first items to be rationed.
- FCC licensed 10 commercial television broadcast stations (May 2). The first commercial television station, WNBT began broadcasting July 1. WNBT eventually changed it call letters to WNBC.

1942

- MRAC members start the War Emergency Radio Service in Milwaukee. Stations required a special license to operate on 2 1/2 meters with a maximum input power of 25 watts. Stations were located at all city of Milwaukee Police stations.
- MRAC has 74 members (12 in the Armed Forces).
- MRAC sends one carton of cigarettes to each member in the Armed Forces.
- MRAC member Sid Rose W9VKC is working at a FCC monitoring station in Ferndale, Michigan.
- Jan. 15—All amateurs go off the air. (The military has sole use of the amateur frequencies).
- February 5 - Signal Corps is looking for radio operators.
- March 15—Marine Corps offered a qualified radio man a rank of Staff Sergeant and $72 per month to join up.
- April—Raytheon tube company is recruiting radio men for training on microwave radio defense systems. (Radar).
- Col. Doolittle's Raiders bomb Tokyo.
- Gasoline rationing goes into effect.
- U.S. wins battle at Midway.

1943

- MRAC buys 5 Series F war bonds.
- Club meetings were held every Thursday at the Milwaukee Public Library. Many times only 6 - 8 attended (due to members being in military service for the war), but it kept the club active.
- MRAC's Erwin Kreis W9HRM, Tommy Gettelman W9IZO, and Charlie Meyer W9GVL create and send out monthly newsletters to our members in the armed forces to let them know what is going on at home.
- January 7 – Nikola Tesla, inventor/engineer passes away.
- A new form of mold on cantaloupe is discovered that yields 10 times the amount of penicillin as previous sources.
- Roosevelt and Churchill decide that "Unconditional Surrender" will be demanded from all enemies.
- The IRS created the W-2 form for tax withholding.
- Incendiary bombing starts a new phenomenon, the "Intense Fire Storm" warfare is born.
- The 100th year anniversary of the first practical electric telegraph. A commemorative postage stamp was issued for the occasion.
- The 75th anniversary of the first transcontinental railroad line.
- The 125th anniversary of the first ship to cross the Atlantic under steam power.
- Paperback books are introduced.
- Hitler starts using the Buzz Bomb (Over 9000 were used).
- The V-2 rocket began use. The first V-2 went out of control and landed in Sweden. Its remains were quickly recovered and sent to the British.

1944

- MRAC members construct and install 23 fixed stations for the War Emergency Radio Service throughout Milwaukee. Stations were “sponsored” by various hams with Tom Gettelman W9IZO providing wood for antenna supports for all stations.

1945

- MRAC members terminate their efforts with the War Emergency Radio Service and take their antennas down.
- Japan starts using Kamikaze pilots.
- Hitler commits suicide.
- The atomic bomb is dropped on Japan, effectively ending the war.
- Amateurs can go back on the air.
- CQ Magazine is started.
- Amateur license terms are extended from 3 to 5 years.
- The Federal Government drops control over the sale of radio tubes.
- The new FM broadcast system is relocated to 88 through 106 MHz.

1946

- Erwin Kreis W9HRM passed away. In 1947 MRAC will apply for a club license with his call.
- The ARRL holds the first Simulated Emergency Test (SET).
- Lt. Colonel John D. DeWitt Jr (N4CBC) points an Army radar antenna array (3000W at 112 MHz) at the moon and receives the reflected signal marking the first time a radio signal was bounced off the moon.
- The Army Amateur Radio System (AARS) resumes operation after being suspended at the start of World War II.
- Calculation by computer begins. The ENIAC computer had over 18,000 tubes.
- The first bank drive up window is used.
- Paul W. Klipsch founds Klipsch and Associates in Hope Arkansas to build high fidelity speakers.
- The Kasuga Radio Co. Ltd. Is formed in Komagane City, Nagano Prefecture, Japan. This is the company which would become Kenwood.

1947

- MRAC applies for its first club call. W9HRM, from deceased member Erwin Kreis. Aldrich Krones, W9UIT, will be the first club license Trustee.
- At the International Radio Conference he;d in Atlantic City NJ the upper 300 Kc of the 10M band was removed from ham use (the band now being 28-29.7 Kc).
- Transequatorial Propagation was first observed on 50 MHz when W7ACS/KH6 worked VK5RL.
- Norwegian explorer and writer Thor Heyerdahl and a crew of 5 cross the Pacific Ocean in a 45 foot raft constructed of balsa wood and bamboo named the Kon-Tiki. The purpose was to prove South American people could have reached Polynesia in pre-Columbus times. The trip took 101 days. Amateur radio was used to maintain communications using the callsign LI2B.
- The first tubeless tires are introduced.
- The International Telecommunication Union (ITU) becomes a United Nations Agency
- Chuck Yeager breaks the sound barrier.

1948

- MRAC sponsors the ARRL National Convention at the Milwaukee Auditorium (September 4-6) resulting in an $8000 profit (equivalent to $64,829.88 in 2005 dollars or $73,525.84 in 2007 dollars or $74,668.55 in 2011 dollars)! The convention includes welcoming speeches by then Milwaukee Mayor Frank Zeidler and Wisconsin Governor Oscar Rennebohm.
- MRAC gets its first demonstration of SSB from W2KUJ of General Electric R&D (at the ARRL national convention).
- MRAC meets every Thursdays at 8 PM in the Conference Room of the Milwaukee Public Museum (except the months of June, July and August).
- Commander Fred Catel, W9DTK, a club member, arranges a tour of the USS Tautog submarine docked at the Broadway bridge downtown.
- The Army Amateur Radio System joins with the Air Force to become the Military Affiliate Radio System (MARS).
- Religion is abolished in public school classrooms.
- The first solar heating system is installed.
- The first 33 RPM records come out.
- The Berlin Airlift starts.

1949

- MRAC's Jack Doyle W9GPI begins a two year term as ARRL Central Division Director
- Florida becomes the first state to issue Amateur Radio automobile license plates
- U.S. born "Tokyo Rose" gets 10 year sentence for treason.
- Frank McIntosh founds McIntosh Laboratories to produce high quality audio amplifiers.
- The first woman's bikini is sold.

1950

- MRAC purchases a new International 1-1/2 ton "Metro" panel truck, trailer, and associated radio and electronic equipment at a cost of around $4000 ($38,500 in 2013 money). The purpose of the truck is for club activities as well as emergency operations in conjunction with local civil defense authorities. There were 2 complete operating positions with equipment by Collins, National and Harvey-Wells. There was also a Motorola receiver crystaled for Milwaukee Police frequencies. The truck towed a matching trailer with a 2.5 KW generator. The truck was distinctively marked with the clubs call, W9HRM (at the time).
- MRAC resumes code practice on the air, this time on 10M (29.1 Mc). Sessions are Tuesdays, Wednesdays (handled by Jim Ott W9LCD) and Fridays (done by Joe Thompson W9LJT – a resident patient of the V. A. hospital).
- MRAC sponsors a VHF/UHF contest on February 12 from 10 – 11 PM. The contest is open to all hams, but only MRAC members are eligible for awards.
- Harry Paston W9DJV, editor of the MRAC newsletter "*Hamateur Chatter*" resigns his position to move to Connecticut to become Assistant Secretary of ARRL.
- MRAC officially forms a local Amateur Radio Emergency Corps (AREC, the forerunner of the current Amateur Radio Emergency Service – ARES). The first meeting of each month (the first Thursday) will be devoted to AREC operations and discussions. The AREC operations will be headed by a committee consisting of 2 AREC members and 2 MRAC directors.
- The Korean "war" starts. China sends 850,000 to help North Korea resist our Police Action.

1951

- The guest speaker at the April 19 MRAC meeting was Ed Handy ARRL Communications Manager.
- MRAC adds the office of Second Vice-President. 1st V.P. was Travis Baird W9VQD and the 2nd V.P. was Ken Eggert W9MOT.
- The club's Articles of Incorporation are changed to institute a change to the method of electing officers (going to a direct election with a nominating committee, instead of the membership just electing a board of directors and the board selecting who is what officer).
- MRAC meets every Thursday evening (except for summer months) at the Milwaukee Public Library in the second floor conference room 8:00 PM.
- MRAC installs Civil Defense amateur radio stations in area police departments and some fire departments. This was similar to the War Emergency Radio Service installations during World War II.
- The MRAC communications van appears at the Milwaukee Auto Show. Club member Jack Doyle W9GPI was a member of the Auto Show management committee making the appearance possible.
- Wisconsin gets Amateur Radio callsign license plates.
- FCC creates the Novice, Technician and Extra class licenses to join the Advanced (formerly class A), General (formally Class B) and Conditional (formerly class C) licenses. Licenses terms were 5 years except Novice which was 1 year, non-renewable. Novices were limited to 75 watts input with crystal frequency control of CW on portions of the HF bands. Novices also had CW and Phone privileges in the 145-147 MHz segment of 2 meters. All Novice call signs were 2x3 with the second letter being an "N". The Novice test was a 20 question written and 5 wpm CW test originally administered by FCC examiners. Also, a person could only hold a Novice license one time. The Technician license as created had all amateur privileges from 220 MHz and up (No 6 or 2 meters). The intent was to get a bunch of people experimenting on the then new (their first use was during WWII) "UHF" frequencies.
- Over 3 million Koreans are dead in one year due to the "war".
- The "King and I" becomes a Broadway smash.
- National Engineers Week is created. The date is selected to coincide with Washington's birthday President Washington was an engineer who was the first to call for an engineering school in the United States.
- The 22nd amendment is added to the Constitution - No person can be a U.S. President for more than two terms.

1952

- MRAC has 250 members.
- MRAC provided communications for an auto race at Elkhart Lake. Twenty-five members stationed in their cars strategically parked around the 7-1/2 mile race course funneled their observations of the race's progress to the central control.
- MRAC ladies auxiliary is started.
- The cover of the May 1952 Issue (Special Mobile Issue) of CQ magazine features the MRAC communications van. A one column story appears on page 80 (as written by Charlie Kaetel W9SNK).
- US Amateurs are allowed access to the 15 meter band.
- Radio Amateur Civil Emergency Service (RACES) is formed.
- December—FCC stopped issuing new Advanced class licenses and took away unique Advanced and Extra privileges, everyone General and up had the same privileges (after changing license classes and rules 1 year earlier).
- The first UHF TV station goes on the air.
- Denver TV station is the first to go on the air with more than 5KW of power.

1953

- MRAC starts an achievement award program for making contacts.
- 1x3 “K” prefix calls begin to be assigned where 1x3 “W” call signs ran out.
- January—The first amateur radio signals reflected from the moon were heard.
- Novices were given the use of a small portion of the then new 40M band (CW olny).

1954

- The West Allis Radio Club is formed.
- Novice license testing was turned over to volunteer hams who would administer the code test, send paperwork to the FCC who would then return a written test which the volunteer would administer and then send to the FCC for final grading.
- Inoue Corp (now Icom) founded by Tokuzo Inoue in Osaka, Japan.

1955

- MRAC establishes TVI technical staff to help all Milwaukee amateurs that are having TVI problems.

1956

- MRAC meets every Thursday evening at 8 PM at the Lutheran Center 1113 W. State St. except during the months of June, July, and August.
- For one hour prior to every MRAC meeting Al Belanger W9MDG taught code practice.
- MRAC sells its communications van to the City of Milwaukee Civil Defense Organization dur to increasing insurance and maintenance costs. The price the city paid was $3500 including the installed radios.
- U.S. starts the Interstate Highway System.

1957

- MRAC's very own Jack Doyle W9GPI begins another term as ARRL Central Division Director (having previously served from 1949-1951). He will serve 2 more terms until 1963.
- MRAC meets every Thursday evening at 8 PM at the Milwaukee Central Library 814 W. Wisconsin Ave. except during the months of June, July, and August.
- Russia launches the first satellite called Sputnik (October 4).
- The Milwaukee Braves baseball team wins the World Series, beating the New York Yankees 4 games to 3.
- Fairchild Semiconductor is formed from 8 engineers who left Shockley Semiconductor (the company founded by William Shockley, one of the 3 inventors of the transistor). Among the 8 engineers are Gordon Moore and Robert Noyce who later formed Intel Corporation.

1958

- MRAC meets the first 3 Wednesdays of the month at the ESM Building 3112 Highland Ave. except during the months of June, July, and August.
- 27 MHz taken away from hams and the Citizens Radio Service created.
- Every amateur station was required to have a receiver capable of receiving possible emergency broadcasts of the CONELRAD (**Con**trol of **El**ectromagnetic [or **El**ectronic] **Rad**iation) broadcast system (on either 640 Kc or 1240 Kc) and to monitor it any time their station was transmitting (so they could immediately shut down in case of an enemy attack).
- The Milwaukee Braves baseball team again won the National League pennant but this time lost the World Series to the New York Yankees 3 games to 4.

1959

- MRAC Sponsored the Wisconsin QSO Party
- Clarence Crapo W9VD received a plaque for 40 years of membership and service to the club
- Amateur Electronic Supply starts demo's of new equipment at MRAC meetings courtesy of Terry Sterman W9DIA (AES owner and MRAC member).
- MRAC members go on a field trip to the Hallicrafters plant in Chicago.
- MRAC meets the first 3 Thursdays of each month at the Lutheran Center 1113 W. State St. except during the months of June, July and August.
- U.S. hams get an additional 50 KHz at top end of 20 meters.
- Alaska becomes the 49th state.
- Hawaii becomes the 50th state.
- Fidel Castro takes over Cuba as dictator.
- America's first 7 astronauts are selected.

1960

- MRAC still runs Civil Defense Emergency drills (latest in May 1960).
- MRAC meets the first 3 Thursdays of each month at the Milwaukee Public Museum. except during the months of June, July and August.
- July—The first amateur radio moonbounce 2 way contact takes place.
- U.S. Hams received an additional 50 KC at the top end of the 20 meter band.
- October - The first issue of “73” magazine is published. It was 68 pages long. A subscription was $3 per year, $5 for 2 years and $7 for 3 years with DX subscriptions going for $1 per year more.
- The U.S. signs a treaty with Japan to defend them against future attacks. U.S. builds first bases in Japan.
- President Kennedy commits the U.S. to putting a man on the moon.
- U2 spy plane is shot down over Russia.
- U.S. launches 1st reconnaissance satellite.
- FDA approves the 1st contraceptive pills, $10 for one month supply.
- The U.S. atomic sub "Triton" circumnavigates the globe in 84 days, 30,708 miles.
- The Kasuga Radio Co. Ltd. Of Japan changes it name to Trio Electronics. It would later change its name to Kenwood Corp.

1961

- MRAC meets the first and third Thursday evenings at 8 PM at the Milwaukee Central Library 814 W. Wisconsin Ave. except during the months of June, July, and August.
- Milwaukee Amateur Radio Emergency Corps meets monthly at the Police Station at 47th and Vilet under the direction of Bob Goldstein K9KJT.
- December 12 - OSCAR 1, the first amateur radio satellite and the first non-government sponsored satellite is launched.
- 60th anniversary of Marconi's first transatlantic wireless communication between England and Newfoundland.
- President Kennedy creates the "Peace Corps".
- Russia puts the first man into space.
- Congress passes a bill making it a Federal crime to hijack an airplane or ship.
- The Berlin wall is built.
- The 1st U.S. military companies arrive in South Vietnam.
- The Green Bay Packers win the NFL championship.

1962

- January 5 - Emil Felber W9RH takes over as trustee of the club license (W9HRM) from Tom Gettleman W9IZO.
- MRAC Meetings are at 8 PM on the first and third Thursdays (except June, July and August) at the Central Library in downtown Milwaukee.
- MRAC has 170 members including 36 Life and 6 Honorary (no dues from those).
- June—OSCAR 2, the second amateur radio satellite is launched. It transmits on 2 meters (there is no receive).
- Navy-Marine Corps MARS (Military Affiliate Radio System) is formed.
- John Glenn orbits the earth in Friendship 7. The event was televised on TV and watched by 135 million Americans.
- The first privately owned satellite "Telstar" relays TV programs.
- U.S. blockades Russian ships delivering missiles from reaching Cuba. The U.S. threatens to invade Cuba not knowing that the Russians already had 12 small nuclear missiles in Cuba. The Russians fortunately back down.
- The Green Bay Packers again win the NFL Championship.

1963

- To help raise money for the ARRL building fund, MRAC holds a “Jack Doyle Testimonial Dinner”.
- MRAC has 191 members.
- MRAC meetings move to the Milwaukee School of Engineering in the Allen Bradley Hall Of Science, still the first and third Thursdays except for June, July and August.
- ARRL proposes the famous Incentive Licensing program to the FCC.
- The first Russian woman orbits the earth.
- The IRE (Institute of Radio Engineers) merged with the American Institute of Electrical Engineers to form the IEE (Institute of Electrical and Electronic Engineers).
- Race riots are becoming common in the U.S.
- 115 countries sign a World Treaty banning nuclear test in the atmosphere, except France and China.
- Dr. Martin Luther King Jr. starts his civil rights marches in Washington.
- November - President John F. Kennedy is assassinated in Dallas, Texas.

1964

- U.S. Post Office releases Ham Radio stamp on the 50th anniversary of the ARRL..
- China explodes their first atomic bomb.

1965

- MRAC contributes $192 to the ARRL building fund.
- During the weekends of July 3 and July 24 the radio telescope (1000 foot diameter dish) at Arecibo, Puerto Rico is put on 432 MHz EME (moon bounce) by KP4BPZ (500W on SSB and CW).
- GE ceases the publication of the GE Ham News – a newsletter which covered various technical topics of interest to radio amateurs.
- OSCAR III is launched. It is the first 2 way amateur satellite with both uplink and downlink on the 2 meter band.
- U.S. bombs North Vietnam as the first troops land in DaNang.
- The first cigarette packages to have health warnings on them are produced.
- National attention is brought to ban the use of the drug LSD.
- Ralph Nader, a young lawyer, fights for safety regulations on all cars.
- National Radio Company introduces the all solid state HRO-500 receiver.
- The Treasury Dept. reports the Vietnam war is costing America $1,200,000,000.00 per month.
- The Green Bay Packers win the NFL Championship.

1966

- MRAC Meetings continue at the Milwaukee School Of Engineering but move to the Broadway Building on the first Thursday of each month except for July and August.
- MRAC receives a donation from WISN-AM of their old 5000 watt AM transmitter. The transmitter will eventually be sold to another broadcast station with the proceeds going to Milwaukee ARES.
- Amateur Radio Emergency Corps Inc is formed as a tax exempt corporation to receive donations and own equipment. The entire board will consist of MRAC members.
- South Milwaukee Radio Club is formed by Vern Teske W9RYA, a MRAC member. He would remain club President until his death in March 2010!
- OSCAR IV is launched. It is the first amateur satellite to utilize different uplink and downlink frequency bands. 2 meters up and 70 cm down.
- The Hallicrafters Co. is sold to Northrop Corp.

1967

- MRAC sponsors its second Central Division ARRL Convention. The West Allis and Menomonee Falls clubs join with us to help at the convention. Advance sale tickets are $5.50 and include convention entry and banquet. The club made a profit of $170 (their share of the total profit).
- MRAC Meetings move to the second Thursday of each month except for July and August.
- MRAC has 160 members.
- MRAC dues is $7 per year and includes ARRL membership!
- The first Wisconsin QSO Party is held, sponsored by the Wisconsin Nets Association.
- Allied Radio stops selling ham equipment in its stores.
- "Hippie" and "Flower Children" movement attracts national media attention.
- There are race riots in 127 cities across the country, including Milwaukee. The National Guard is called out.
- The Green Bay Packers beat the Kansas City Chiefs 35-10 to win the first Super Bowl.
- The Pontiac Motor Co (division of General Motors) has a program to provide QSL cards to any licensed radio amateur. Up to 100 cards per year per person are available.
- "Incentive Licensing" takes effect, returning Advanced class license and taking privileges away from Generals, effectively stopping growth of Amateur Radio and causing a lot of bad feelings among the amateur community for the ARRL who originally proposed the program (see 1963). The plan was implemented in 3 "phases" taking a total of 3 years to appear.

1968

- MRAC (in conjunction with the West Allis, Ozaukee, and Menomonee Falls clubs and AREC) operates a demonstration station at the then fledgling Summerfest. The tent housing the station blew down during severe winds causing some damage, but a new tent was erected and a station was put back on the air.
- Numerous discussions occurred during the year as to how to increase club membership, and meeting attendance.
- MRAC conducts code practice on 10 meters every Monday, Wednesday, and Friday evening (beginning April). Walt Glish W9YYW, Bob Stuckert WA9SYD, and Ray Weeks WA9JOV conduct the sessions.
- MRAC applied to the FCC for a new club call of W9RH (from W9HRM) call formally held by Emil Felber (recently deceased).
- The Milwaukee-Florida net is formed by Charles Meyer K4HQY (after retiring and moving from Milwaukee to Florida in 1966) and Mel Amidzich WA9PZU.
- FCC authorizes slow-scan television as an emission mode.
- Dr. Martin Luther King Jr. is assassinated.
- President Johnson orders a complete halt to the bombing of North Vietnam.
- The Green Bay Packers beat the Oakland Raiders 33-14 to win Super Bowl II.

1969

- Publication of the club newsletter “Hammateur Chatter” resumes (October).
- Per a letter from ARRL of February 28, 1970, MRAC is identified as the oldest affiliated club of the ARRL still operating.
- Radio Amateur Satellite Corp. (AMSAT) is formed (incorporated in Maryland) to aid in radio amateurs in space communications.
- The Inoue (now Icom) FDFM 2M FM transceiver is the first official offering of amateur equipment in the US by a Japanese company.
- Astronaut Neil Armstrong is first human to set foot on the moon.

1970

- Many club members participated in a open house program where they invited members of the club to come see their Ham Shacks.
- The US has nationwide protests for the end of the Vietnam War.

1971

- MRAC assists in providing communications at the Schlitz Circus Parade on the 4th of July.
- National Radio Co. files for Chapter 11 bankruptcy and ceased to manufacture radio equipment. Their HRO receivers were ham favorites.
- 18 year olds get the right to vote.
- President Nixon has audio recording equipment installed in the White House.
- There are about 285,000 licensed amateurs in the U.S.

1972

- Novice hams were allowed the use of VFOs instead of only crystal control for frequency. Their 2M operating privileges were removed.
- Technician licenses are granted access to the complete 2 meter band.
- FCC creates specific repeater rules leading to specific to repeater callsigns (with a "WR" prefix).
- The first 6M moonbounce (EME) contact was completed between Joe Muscanere W5HNK and Richard Allen W5SXD in Houston Texas and Connie Marshall K5WVX and Sam Whitley W5WAX in Muskogee, Oklahoma (July 30).
- The first meteor scatter contact on 432 MHz was completed by John Fox W0LER and Carl Scheideler W2AZL.
- Allied Radio exits the mail order business.
- President Nixon makes first China visit by a modern day president.
- While campaigning for President, Alabama Governor George Wallace is shot and paralyzed from the waist down.

1973

- MRAC member George Ruger W9DVD (and former city of Milwaukee Alderman), organizes the CQ3TUE lunch gathering for area hams (January). There were 27 hams in attendance.
- The West Allis Radio Amateur Club begins a hamfest which continues to this day. First year attendance was over 400.
- The Vietnam war ends.
- The Watergate cover-up/scandal comes to light.
- Gerald Ford is appointed to the position of Vice President of the US. He was the first VP appointment under the 25th amendment. He replaced Spiro Agnew who resigned.
- The British band Pink Floyd release their album *"Dark Side Of The Moon"*. It would remain on the top selling American album charts for over 14 years (741 weeks).

1974

- MRAC Ham Chatter returns to a regular monthly schedule instead of a random schedule.
- FCC begins issuing "WR" prefix callsigns for repeaters as part of new repeater regulations.
- Arab oil embargo happens. Long lines and waits for gas as big oil corporations limited supply to raise prices. OPEC (Organization of Petroleum Exporting Countries) limited supplies and forced the price of oil to increase greatly as the value of the dollar was diminishing. The government starts printing gas-rationing coupons in case the gas shortages get out of hand.
- Nixon is ordered to release 64 audio tapes in the Watergate investigation.
- President Nixon reveals cover-up of Watergate office of the Democratic National Committee break-in and later resigns from office (August 9, 1974).
- Gerald Ford becomes the 5th person who was never elected to become President. He was the first person to become President to have never won any national election.
- President Ford pardons Nixon of all crimes.
- The U.S. movie rating system starts.

1975

- The Novice and Technician licenses get major changes. Among the changes are an increase in power for Novices from 75 to 250 watts. Technicians are also given full Novice privileges on the HF bands.
- A repeater autopatch is used to call 911 for the first time. This was in the city of Chicago.
- The January issue of Popular Electronics features a cover story on building the Altair 8800 microcomputer kit. This is the first real "personal computer" and the start of the "Computer Revolution".
- Unemployment in the U.S. reaches 6.5 million.
- Northrop Corp. sells the Hallicrafters name but keeps the factories, bringing non-military product manufacture to an end.

1976

- MRAC offers code and theory classes at Wauwatosa East High School, to boost membership. Classes are taught by Dick Oberholzer W9ZPV, Walt Glish W9YYW and Dave DeFebo WB9BWP. The classes run at least one session per year for 9 to 12 weeks. Some years there will be two or three 9 to12 week sessions.
- MRAC has 138 members.
- MRAC publishes no newsletter on its own, instead supporting a southeastern Wisconsin radio club newsletter (9 clubs in total) called The Hammateur (with our permission) published by Larry McCalvy WA9JMO.
- ARRL Central Division Convention held in Milwaukee, July 9 and 10, sponsored by the West Allis Radio Amateur Club. MRAC sponsors a hospitality suite on Friday evening, July 9.
- "WN" prefixes for Novice licenses were eliminated.
- Hams no longer need to change their callsigns when moving to another call area.

1977

- MRAC begins having meetings at Wauwatosa Savings and Loan (having moved from the Milwaukee School Of Engineering) thanks to the efforts of Al Belanger W9MDG.
- Radio station WOKY has a call in show (10 pm – 1 am) dealing with amateur radio (August 14).
- FCC suspends all Amateur Radio license fees.

1978

- MRAC membership reaches 195 (including 80 Life members).
- The MRAC charged $5.00 for license classes and gave free membership for the balance of the year.
- The MRAC Board had discussions on the club setting up a repeater. The discussion ended with the subject being officially tabled.
- MRAC license classes had 100 total enrollees, 25 for the General class and 75 for the Novice.
- The March meeting of MRAC had an attendance of 74 members and visitors.
- MRAC along with Milwaukee ARES stage an amateur radio show at Mayfair Mall covering an entire weekend (March 4 and 5). Flanner & Hafsoos provides overnight (Saturday night) storage for our equipment, thanks to Gordon Weiler W9ZQK.
- Bird Electronics (the wattmeter people) sent a representative to present a program for the club at the April meeting. Meeting attendance was 51 members and 32 visitors – 83 total!
- MRAC holds a spring luncheon, this year with an emphasis on the club's 60th anniversary.
- MRAC Field Day operations move to Nike site in Lannon owned by radio station WQFM. Arrangements by Jack Krause W9JK
- The September club meeting consisted of a discussion and demonstration of fast scan amateur television. It included receiving pictures from one of the participant's home TV station.
- The October meeting of the club was a tour of the TV channel 6 studios and transmitter (and included being able to watch the 10 PM newscast "live").
- The Novice license becomes a renewable license.
- The FCC stopped (February 23) the Extra-class only vanity call sign program due to internal mishandling and maybe some corruption.
- The FCC bans the manufacture of RF amplifiers capable of operating between 24 and 35 MHz in order to try to stem the use of illegal high power on the 27 MHz CB band. The ban applies to ALL manufactured amplifiers.

1979

- MRAC has 204 (198) members.
- Besides its monthly meeting, MRAC offers a tour of Midwestern Relay Company in Rubicon (west of Hartford) – Thursday evening, June 7.
- West Allis Amateur Radio Club again sponsors a Central Division Convention at (what was the) Red Carpet Inn – June 15 and 16. MRAC Sponsors a hospitality suite the evening of June 15 (Friday).
- MRAC along with Milwaukee ARES once again stage an amateur radio show at Mayfair Mall covering an entire weekend (September 8 and 9). As before, Flanner & Hafsoos provides overnight (Saturday night) storage for our equipment, thanks to Gordon Weiler W9ZQK. The show, coming at the start of a series of license classes, results in a large number of people signing up.
- MRAC adds a dinner to the annual Old Timers' Nite / Christmas Party to celebrate 60 years of affiliation with ARRL. ARRL Vice-President/General Manager (and future IARU President) Dick Baldwin W1RU) attends along with Central Division Director Don Miller and Vice Director Ken Ebneter. 125 members and visitors attend.
- MRAC changes rules for life membership from 20 years continuous membership to 20 years continuous membership and 60 years of age. Also life members are urged to pay at least ½ of the current dues to continue to receive newsletters by mail.
- The Milwaukee Journal publishes a 6 page article (including the cover illustration) in its Sunday supplement section *"Insight"* on amateur radio. MRAC is prominently mentioned as well as some members and photos of some members.
- Hams are granted privileges on 10 MHz, 18 MHz, and 24 MHz at the World Administrative Radio Conference (WARC) held in Geneva Switzerland. It would take some years before FCC rules were changed to allow use of these frequencies.
- Two hams buy CQ magazine from Cowan Publishing.
- Three Mile Island (Pennsylvania) nuclear accident occurs. The core reached 5000 degrees before it was brought under control.

1980

- MRAC Meetings change to the first Thursday of each month (except July and August). The change was the result of Wauwatosa Savings date assignments.
- MRAC adds a General class license class to the Novice class the club has been running. Al Bellanger W9MDG is the first instructor of the new class.
- MRAC suffers through a brief political turmoil with the removal of a director from the board – Russ Burss W9RKP, (for the first time in club history?), the resignation of a President, alternative, semi-secret meetings, and general turmoil (including letters from lawyers from both sides of the issue). One club meeting consisted of nothing but members shouting at each other for almost 3 hours. It was at least 6 months until things began to return to a "normal" state. Some members, including life members, never returned to the club, leaving in protest. This also marked the beginning of a period of contention between some members as to what the club should be doing and how to do it.
- MRAC "Old Timers Nite" (not yet called a Christmas party) on December 11, featured ARRL Vice President/General Manager (and future IARU President) Dick Baldwin W1RU (once again) as well as Acting Central Division Director, Ken Ebneter K9EN, Director Elect, Edmond A. Metzger W9PRN, Wisconsin Section Communications Manager Roy Pederson K9FHI, , and former division Director Phil Haller W9HPG. The party continued the recent addition of a dinner for a cost of $8.50 per person.
- Governor Lee Dreyfus signed documents proclaiming May 17th Amateur Radio Day in Wisconsin. This notice was displayed on a sign on City Hall. QST magazine has a picture of Milwaukee City Hall with Amateur Radio sign in the December issue.
- May – The Milwaukee Area Amateur Radio Society (MAARS – 145.13 repeater) is formed.
- FCC allows the use of ASCII code for teletype and other digital transmissions (previously restricted to 5 level Baudot code).
- December – John Lennon of the Beatles is murdered by a crazed "fan" outside his home in New York City.

1981

- MRAC meetings return to the second Thursday of every month at Wauwatosa Savings and Loan on 75th and State St.
- MRAC has a booth at the International Science & Engineering Fair 95/11-5/16) at MECCA.
- The Milwaukee City Hall photo of Amateur Radio Day (May 17) appears in a Norwegian Radio Relay League magazine. In Norway, May 17th is a national holiday similar to our 4th of July.
- The club is polled by the ARRL about a new code free license proposal.
- Television station WISN (ch 12) tapes a feature at our Field Day for the 5 and 10 o'clock news.
- Thanks to a gift by a school alumni, radio station WMSE, a public FM broadcast station, owned by the Milwaukee School of Engineering begins operation (May 17).
- The first space shuttle, named Columbia, goes into space.
- There are about 433,000 licensed radio amateurs in the U.S..

1982

- MRAC adds an Advanced/Extra class license class to the Novice and Technician/General classes the club has been running. Al Belanger W9MDG teaches the first Advanced/Extra class and Walt Glish W9YYW moves over from the Novice class (leaving Dave DeFebo WB9BWP to teach Novice) to the General class.
- MRAC dues remain $6.00 / yr
- The FCC votes to retain the Morse code requirements for all grades of license.
- Dick Baldwin W1RU retires as ARRL VP/General Manager and becomes IARU President (a position he will hold for 17 years).
- President Regan signs into law a bill that allows the FCC to authorize licensed hams to create and administer amateur radio license tests.
- The Milwaukee Brewers become American League Baseball champions but loose the World Series to the St. Louis Cardinals in 7 games.

1983

- MRAC acts as QSL manager for Space Shuttle flight STS-9.
- MRAC demonstrates 10 foot earth station satellite antenna to all Milwaukee area hams.
- MRAC creates the Herb Wareing Memorial Book Fund to buy books for area libraries. The fund was created from a donation by the widow of Herb Wareing W9NY. The fund was set up to only spend any interest the principle monies generated resulting in few books actually ever being donated.
- MRAC charges 25 cents for a for sale listing in the newsletter.
- MRAC May auction/elections meeting has attendance of 84 including 15 visitors!
- MRAC again provides communications for an across the state bike event lasting an entire week, sponsored by the Milwaukee Sentinel called SAAGBRAW – Sentinel Active Americans Great Bike Ride Across Wisconsin, including staffing the net control point in the lobby of the Journal/Sentinel Building.
- FCC creates the Volunteer Examiner program (September 22). Anchorage Amateur Radio Club (Alaska) becomes the first Volunteer Examiner Coordinator.
- MRAC begins to administer amateur tests locally (as a Volunteer Examiner – VE) working under DeVry Institute of Technology, a VEC in Chicago.
- FCC maintains code requirements, there are many requests to reconsider.
- W5LFL becomes the first amateur radio operator to operate from space aboard the Space Shuttle during flight STS-9.

1984

- MRAC goes into full operation as an independent Volunteer Examiner Coordinator (VEC). Charlie Kaetel W9SNK applied for and received VEC approval from the FCC without prior club discussion. Jack Krause, W9JK is the first MRAC VEC manager (taking over from our VE group which was working under DeVry VEC). See the complete story elsewhere in this document.
- FCC creates PRB-1 rule issuing a federal pre-emption over local tower laws.
- Amateur licenses go from a 5 year term to 10 years.

1986

- MRAC is QSL manager for Tony, W0ORE, on Space Shuttle Mission STS51-F.
- MRAC field day group makes over 1000 contacts.
- MRAC operates a special event station at Polish Fest.
- The membership votes to have the club picnic on the same day with Field Day.
- Packet radio takes off.
- The Space Shuttle Challenger explodes on liftoff killing all aboard.
- The Rock and Roll Hall Of Fame Foundation begins the Rock and Roll Hall Of Fame inducting performers and others involved in rock music in yearly ceremonies (Foundation actually formed in 1983 but no inductees happened until 1986).
- Trio Electronics which has been producing amateur radio and consumer audio equipment under the Kenwood brand changes the name of the company to Kenwood Corp.

1987

- MRAC provides communications for the Tri-County YMCA Races.
- MRAC sends $200 to the Clements Michigan Leance-Cruze Amateur Radio Club to help fight a lawsuit to defeat a ban on amateur radio antennas.
- Under the direction of Harry Cieszki KD9AJ, an amateur radio demonstration was conducted for the students of Madison Elementary School in Wauwatosa.
- MRAC bylaws again revised.
- MRAC changes legal name with the state of Wisconsin from Milwaukee Radio Amateur Club Inc to Milwaukee Radio Amateurs' Club Inc (adding the s followed by an apostrophe).
- H. Charles Kaetel W9SNK was voted to the position of Honorary Member in MRAC. The first time Honorary Member status was granted in many, many years.
- March 21, Novice Enhancement is put in place which results in Novices gaining privileges on the 10M band. CW and data is allowed from 28.0 – 28.3 MHz and SSB voice from 28.3 - 28.5 MHz.
- Russian nuclear power plant disaster at Chernobyl.

1988

- MRAC starts a 10 meter net on 28.400 MHz (the frequency was chosen to allow Novice licenses to check in). The time of the net was Fridays at 9PM. It would later be changed to 8:45 PM (the time confused many possible check-ins) to accommodate the 2M net. The club previously had a 10 meter net in the 60's and early 70's.
- The Global Maritime and Distress Safety System was put in place by the International Maritime Organization providing satellite and digital maritime distress signaling (instead of using CW).

1989

- MRAC did a demonstration of amateur radio at the Wilson Park Senior Center (March 2). Participating were Roger Zaun W9UVV, George Philbert KA9MXM, Travis Baird W9VQD, Ed Seruga KE9JJ and Harry Cieszki KD9AJ.
- MRAC Continues the occasional spring party (sometimes lunch, sometimes dinner party) on Thursday May 11 at Kuglitsch's Hall and Bowling, (44th and Greenfield). Cost was $10.00 per person for buffet dinner and beer and soda.
- MRAC Christmas Party takes place at Tanner Paull Hall, Restaurant and Lounge in West Allis on Thursday, December 14. Cost was $10.00 including food buffet and beer and soda.
- Ten-Ten International holds its second Biennial International Convention in Milwaukee. The featured guest speaker is Dave Sumner K1ZZ VP ARRL.

1990

- MRAC starts purchasing Field Day radio equipment and antennas (including a Kenwood TS-430 from the estate of George Philbert KA9MXM).
- MRAC officers move to 2 year terms.
- MRAC has 175 members as of January.
- MRAC conducts Amateur Radio demonstration at Discovery World Museum (August).
- Hubble Space Telescope is launched. Focus doesn't work due to a mirror problem. To be corrected by a historical spacewalk in later years.
- Gulf War to rescue Kuwait from Iraq invasion, begins.

1991

- MRAC members provide communications at the Channel 10/36 wine tasting event at Mayfair Mall.
- Jim Harrington N9FPG donates a Heathkit SB-104 transceiver to MRAC for Field Day use. The radio was in need of some repairs. Jim Tromblay WB9LNU brought it back to life. The club now has 2 radios for Field Day and other special use.
- The club purchases a Cushcraft A3S 3 element tri-band beam for Field Day use.
- MRAC License classes move to Marquette Electronics R&D Center (thanks to Dave DeFebo WB9BWP and Michael Cudahy, Marquette CEO) after Wauwatosa recreation department (operators of Wauwatosa East High School after normal school hours) raised rent paid by the club for using Wauwatosa East High School (to a rate of $7/hr per room/night which would have been up to $126/room for a 9 week session We sometimes used up to 4 rooms for multiple classes).
- TV station WISN (Channel 12) has a daily, afternoon, 1 hour talk and call-in show on a variety of topics. One show spent the entire hour discussing amateur radio (with an emphasis on the Gulf War) with local hams as guests.
- FCC creates a new Technician license without a Morse code requirement. This was based on a proposal by QCWA.
- 220Mhz – 222MHz was reallocated from amateur radio use to the Land-Mobile radio service based on a proposal from UPS for amplitude companded speech mode. UPS never utilized the spectrum.
- There are about 494,000 licensed amateurs in the U.S.

1992

- October—MRAC finally gets a repeater of its own. The frequency is 147.045. It is temporarily (being about 8 years) located at Ed Wille's house (read the complete repeater story elsewhere in this document).
- MRAC sells personalized coffee mugs in an effort to raise money for the recent repeater purchase (to repay Ed Wille). The mugs were available for a donation of at least $20. There were a number of donations of more than $20 including some at $50 and at least two at $100.
- MRAC holds last Field Day at the old Nike Missile site in Lannon (due to site sale to a private party).
- MRAC VEC holds tests at a church (sorry I don't know the name) on 117th and Cleveland on the third Tuesday of each month from 6:30 PM – 9:30 PM.
- Rear Admiral Grace Hopper passes away at the age of 85. She retired from the Navy at the age of 79 after 41 years of service. She then became a consultant to Digital Equipment Corp (a job she held until her death). Besides being the only woman to achieve that rank, she is credited with coining the term "debugging" (after removing a moth from an early computer), developing the first compiled computer language, COBOL, and for using the phrase, *"It's easier to ask forgiveness than it is to get permission".*
- Heathkit exits the amateur radio market.

1993

- MRAC classes for all grades of amateur license and VE testing move to Village At Manor Park thanks to Phil Lehman, KB9FOQ after Wauwatosa Recreation Department (who administers school buildings after school hours) greatly increases the fee MRAC would have to pay (from $1 per room per week to $7 per hour per room).
- MRAC Field Day takes place at Indian Mounds Boy Scout Camp thanks to Wayne Schrubbe N9RXB.
- FCC proposed the vanity callsign system, where hams under certain conditions could request a "personalized" call sign.

1994

- MRAC dues raised to $15 in large part due to newsletter publishing costs.
- MRAC Field Day takes place at the Railroad Museum at Pioneer Village in Ozaukee County, thanks to Fred Linn, W9NZF (original Cedarburg railroad depot building).
- MRAC holds a special operating event for the 75th anniversary of ARRL affiliation (August 13).
- Amateur Electronic Supply has its first "Superfest" with MRAC having a club table and conducting license exams.
- FCC grants Novice licenses full privileges on the 222 MHz band.

1995

- Position of MRAC board Chairman (which was a non-voting position filled by the immediate past-President) is eliminated and new By-Laws are written.
- U.S. Coast Guard eliminates the use of CW on maritime frequencies.

1996

- MRAC establishes weekly Friday night net on 2 meters (using the club repeater) joining the existing 10 meter net. 10M was at 8:45 PM and 2M was at 9:15 PM confusing everyone who wanted to check in to either net.
- MRAC has last meeting at Wauwatosa Savings Bank (due to bank remodeling eliminating the meeting room).
- MRAC continues as VEC with Ed Wille W9PWG taking over from Jack Krause W9JK who ran it for 12 years.
- MRAC holds last license class of current 20 year run at Village At Manor Park.
- J. Travis Baird W9VQD passes away (1/24). Besides holding numerous club offices, running the auction for many years, and always willing to donate time and even money for the club throughout his life, an award will be created in his name to be given to members "who have demonstrated a long term commitment to promoting the amateur radio service" (from club web site). The award is established in 2002.
- MRAC had 179 members as of July.

1997

- MRAC has new meeting location at Redemption Lutheran Church after Wauwatosa Savings eliminates their community meeting room to add more office space. Ed Wille W9PWG was a church member as well as the church being a customer of Ed's business. MRAC ends up being the only non-church group to use the church building.
- MRAC VEC stops testing at Village At Manor Park on Wednesday evenings.
- The Green Bay Packers beat the New England Patriots 35-21 in Super Bowl XXXI. This is the Packers first Super Bowl appearance and win since 1968.

1998

- Ed Wille W9PWG completes a record 8+ continuous years as club president.
- The club VEC ceases testing at Wauwatosa Saving Bank in Oak Creek (on the 2nd Saturday of each month) due to diminishing attendance (and this was a second monthly test date).
- MRAC has 141 members.
- President Bill Clinton becomes the first President to be impeached since Andrew Johnson (marks only the third time in US history a President has been impeached).
- The Green Bay Packers loose 31-24 to the Denver Broncos in Super Bowl XXXII.

1999

- January – Ed Wille W9PWG, currently a director of the club, has his fourth heart attack and passes away at his desk. It took two entire board meetings and one entire club meeting to discuss all the things Ed did/had done for the club and to make plans for others to take over those functions. Ed had a habit of taking things on himself and never asking for anyone else's help. As a result, many club functions were performed by Ed alone and no one else knew anything about what it took to perform those functions. That was something that had to change.
- John Kraak KF9XL and Tom Fuszard KF9PU take over VEC duties after the death of Ed Wille W9PWG. It was discovered at this time that many people especially non club members had signed up as Volunteer Examiners (VEs) during Ed Wille's term as VEC manager, only to never be asked to participate in a testing session.
- The March MRAC meeting features Bart Jahnke W9JJ a Wisconsin native who works for the ARRL (among other duties, he is their VEC manager). MRAC pays air fare to bring Bart to the meeting. This was originally set up by Ed Wille.
- MRAC adds an email address for communicating with the board.
- The FCC proposes major changes to amateur rules, cutting license classes from six down to three with a single 5 wpm code test for the two highest classes – General and Extra (new Novice and Advanced class licenses are eliminated).
- The number of amateur radio licenses in the US was 677,392

2000

- MRAC's first written history compiled by Jim Tromblay, WB9LNU is published.
- A budget prepared for the coming year (the first time a budget has been prepared in many years) shows the club operating at a significant loss (projected to be around $1300). Looking closely at expenses for the past few years show the Chatter costing more than dues income, Christmas Parties costing the club $1600 (money the club had to pay above ticket sales) over the past 4 years, and $1400 spent on printing, scanning and FAX equipment in the production of the Chatter in the mid 90's. All that spending in addition to gross repeater equipment costs has cost the club thousands of dollars over the past 5 years that have not been replaced.
- MRAC again offers license classes, starting with a Technician class, now at Amateur Electronic Supply.
- MRAC creates its own World Wide Web site. Actually the club took over a site created earlier but not updated by a former member.
- MRAC VEC processes over 300 people in the first 4 months of the year in anticipation of license changes on April 15.
- MRAC Repeater is relocated atop the Eaton Corporation building (7+ stories) at 27th and Hope Streets (1 block north of Capitol Dr).
- The MRAC club auction is revived after about 5 years of absence. Dave DeFebo, WB9BWP, tries to follow in the tradition of Travis Baird W9VQD as auctioneer. New auctions feature a number of member donations to the club of equipment which helps to boost the club treasury.
- The MRAC newsletter begins being published in electronic form for email delivery to members with email capabilities. This has the potential of cutting some of the newsletter production costs which have been running greater than dues income for a number of years. It also may have helped bring some members into the computer age. Over the next few years all other area clubs go to electronic publishing of newsletters.
- MRAC has 120 members as of January.
- April 15—Code speed for General and Extra license reduced to 5 wpm. No new Novice or Advanced class licenses will be issued.
- November—The largest and most expensive amateur satellite (Phase 3D or AMSAT-OSCAR 40) is launched. Some problems are discovered after launch (possibly due to a fuel explosion) and the satellite never fulfills it's promise.
- The first ham activity from the International Space Station takes place.
- Actress Heddy Lamar dies (Jan 19). She held a patent (issued in 1942) for the development of a frequency hopping technique which would become spread spectrum communications. Her method was developed to prevent jamming of radio controlled torpedoes.
- FCC creates the "Multi Use Radio Service" – MURS in the VHF business band (5 channels in the 151 MHz band).
- Radio Recyclers shuts down.
- Jack Kilby receives a Nobel Prize for his work in the invention of the integrated circuit. Jack did his work at Texas Instruments. Before joining TI he was employed at Centralab in Milwaukee (in the late 1950's) and actually started his pioneering work there but was told to stop and get to work on something more important to the company. What if he was allowed to continue his work on the IC while still in Milwaukee?
- Due to a close election and some possible voting irregularities, it took 37 days after the Presidential election to formally declare a new President of the US (George W. Bush).
- There are 682,240 licensed radio amateurs in the US.

2001

- Regular meeting start time is moved to 7 PM (starting in January) to be sure to get done by a reasonable time.
- Dick McNew WB9PTC moves his on-air code practice from 2M simplex to the MRAC repeater (now that the repeater has a reasonable signal).
- MRAC Newsletter, *"Hamateur Chatter"* goes to a 6 week circulation period to keep costs down.
- Tom Czaja KG9EE and Mark Tellier AB9CD step up to be "assistant VEC managers" backing up John Kraak KF9XL and Tom Fuszard KF9PU. This marks the actual creation of a self sustaining operating committee for a club function.
- MRAC Field Day features a telescope for actual viewing of sunspots, live.
- MRAC Field Day features first ever satellite contact (by Brian White K9LCQ).
- MRAC raffles a donated 10M radio and antenna with winner selected at the Christmas Party - winner was Ted Stiller WA9RDI - raffle brought in $170.
- MRAC finishes year operating in the black for the first time in years (as a result of some strong belt-tightening and begging for donations the last few years).
- MRAC eliminates the positions of 2nd Vice President and one Director due to continuing difficulty to get people to run for office.
- MRAC has 125 members as of July.
- The first "space tourist" goes into space for a stay aboard the International Space Station (after paying Russia 20 million dollars).
- September 11 - Middle Eastern terrorists hijack 4 commercial airplanes and crash two into the World Trade Center towers in New York City and one into the Pentagon in Washington D.C. The fourth plane crashes in a field in Pennsylvania (possibly brought down by passengers trying to retake control of the plane). Both World Trade Center towers collapse within hours. Only military air traffic is allowed over the U.S. for 3 days.
- The US invades Afghanistan, the center of much of the world's terrorist activity and home to the organization potentially responsible for the September 11th attacks on the US.
- There are 683,037 amateur radio licenses in the U.S.

2002

- MRAC Newsletter, *"Hamateur Chatter"* goes to a bi-monthly circulation to keep costs down (and because some people didn't really understand a 6 week schedule).
- Budget for 2002 estimates actually not losing money but coming out around $700 ahead. This has been due to massive belt tightening, electronic publication of Chatter and decreasing the number of issues of the Chatter from 11 to 7 and then to 6 per year.
- MRAC celebrates its 85th birthday with a special event station resulting in 534 contacts being made world-wide.
- MRAC repeater receives a new Decibel Products commercial antenna (April) and new GE commercial receiver/transmitter hardware (July) and changes frequency to 145.39 MHz (swapping frequencies with the MATC repeater). The new repeater radio and antenna cost ¼ the amount spent on the last "new" batch of repeater hardware and work magnitudes better.
- MRAC conducts an Extra Class license class for the first time since the early 90's (spring).
- MRAC license classes start from a second, alternate location - Brown Deer United Methodist Church.
- MRAC Field Day features not one but two telescopes (beating last year) as well as the first ever movie showing (*Frequency*) during evening break.
- The first J. Travis Baird award is presented to Dick McNew WB9PTC in recognition of his never-ending Elmering of prospective and new hams in learning amateur radio and especially Morse code.
- On-air code practice on the club repeater taken over by D.J. KC9AYO, after many years by Dick McNew WB9PTC having run the on-the-air practice.
- MRAC meeting attendance from 10/98 – 5/2002 averages 40.7.
- The Central States VHF Society holds its 36th annual convention in Milwaukee. This is the first convention held in the upper Midwest since 1989 and first held in Wisconsin.
- Paul W. Klipsch, founder of Klipsch (speaker manufacturer) and designer of the Klipschorn loudspeaker (the longest running production loudspeaker) passes away (at age 98).
- There are 685,308 amateur radio licenses in the U.S.

2003

- MRAC raises dues to $17 per year in order to bring the newsletter back to a monthly circulation.
- MRAC sponsors its first VHF/UHF FM Sprint contest. MRAC is the winner in the club category. By the way, the club had a VHF/UHF contest in February starting in 1950.
- MRAC published club history receives its first official update.
- MRAC Repeater moves to another new location sharing space with receivers for other local repeaters and a Navy MARS repeater on the channel 18/10/36 TV tower (receive antenna at 730 feet, transmit antenna at 630 feet). MRAC provides an antenna and cavities for the community repeater project. Thanks to MATC/Channel 10/36 for the space, Skywave Tower Service for antenna work and Dave Karr, KA9FUR, WAR Frequency Coordinator and Dave Schank, KA9WXN, Engineer Channel 10/36 for their technical work getting things running. The repeater now has coverage from Sheboygan south to the Illinois border and west through Walworth, Waukesha, Washington County (with some holes in the center of Waukesha). Quite a change from Ed Wille's 50 foot tower. See complete story elsewhere in this document.
- MRAC Field Day features the showing of another movie (*Contact*).
- Tom Fuszard, KF9PU, one of the MRAC-VEC managers, is elected to the position of Chairman – National Council of VECs (NCVEC) at their annual meeting in Gettysburg, Pa. (7/03)
- MRAC offers for sale (donation) the first CD-ROMs of a club photo album / scrapbook in an effort to raise money for the club. Only 12 copies were sold.
- Due to some disagreements on the board, Mark Tellier AB9CD resigned as VP. He was replaced by Kevin Reemes KC9BZU. Soon after, MRAC President Patrick Moretti W9UQ resigns due to health reasons which prompts a shuffling of officers with Kevin Reemes KC9BZU (who was VP) taking over the job of President only to have his job put him on the road traveling worldwide resulting in him missing most regular and board meetings until his term expires. For over 1 year the club operated without a real club President or club leader, having board and regular meetings presided over by a revolving door of various remaining club officers. Regular meetings suffer the same fate. During all this, the first signs of personality conflict in the club in over 20 years appear including more officer resignations and remaining officers again shuffling duties.
- MRAC has 114 members (as of May).
- September – The final issue of "73" magazine is published.
- The space shuttle Columbia breaks apart during re-entry over the southern US killing all aboard including 3 hams. This is the first time there has ever been a loss during a landing.
- The US invades Iraq.
- The first flight of a radio controlled model aircraft over the Atlantic ocean takes place with the same start and end points (Newfoundland to Ireland) as the first trans-Atlantic aircraft flight.
- There are 684,059 amateur radio licenses in the U.S.

2004

- MRAC sponsors its second VHF/UHF FM contest again winning the club category.
- For the first time in modern club history, MRAC elects officers but no one runs for President (at the normal election meeting in May). Eventually Patrick Moretti, W9UQ volunteers for the job after an earlier resignation. A special election was held at the July meeting (instead of the normal June election). The exact process of this election was questioned by many members (since there was no advance notice of a "special" meeting as required by the by-laws) resulting in some continuing contentions. Due to work commitments, Patrick misses over half of the club meetings and many board meetings. This continues the trend which has been in place since 2003 where board and regular meetings are run by whichever officer in attendance steps up. As a result, club activities and actions dwindle to a minimum due to a lack of general leadership and organization.
- The MRAC repeater is used as a secondary net repeater for the Miller Ride for the Arts.
- Tom Fuszard KF9PU is re-elected Chairman – National Council OF VECs (NCVEC) at their annual meeting in Gettysburg, Pa.
- The Ozaukee County Historical Society allows MRAC to install cabinets and shelving in the basement of the train depot at Pioneer Village (which MRAC has been using as its Field Day site) to store club radio equipment and antennas – primarily for Field Day use.
- MRAC has 115 members.
- George W. Bush wins re-election to a second term as President of the United States in a bitterly contested election (following the election debacle of 2000).
- There are 671,837 amateur radio licenses in the U.S.

2005

- Robert Felber, the son of the late Emil Felber W9RH (the original), donates 2 boxes full of club and amateur radio memorabilia as collected by his late father. The collection includes an apparently never used 1954 Wisconsin automobile license plate for W9RH.
- MRAC sponsors its third VHF/UHF sprint contest and for the first time did not win the club category (Badger Contesters did).
- After a hiatus of a couple of years, MRAC offers a Technician license class.
- The repeater is again used as a secondary repeater for the Miller Ride For The Arts as well as being used as the primary net repeater for the Great Midwest Relay event as the event passed through Waukesha and Milwaukee Counties.
- MRAC License classes also occur at a new location, ITT Technical Institute in Greenfield.
- Dick McNew, WB9PTC, once again returns to conducting code practice on the repeater (Mondays and Fridays). By September of 2005, health problems caused Dick to not continue with the code practice.
- Tom Fuszard KF9PU is re-elected Chairman of the National Council of VECs (NCVEC) for a third (and he says final) term at their annual meeting in Gettysburg, Pa.
- The club is contacted by Yvonne Robel of Florida. Mrs. Robel is the daughter of Clarence Crapo W9VD who was the second President (as well as holding other offices) of MRAC (1921). She donated a collection of 75 slides covering numerous club activities of the early years. Her accompanying letter appears elsewhere in this history.
- MRAC adds a Yahoo Group emailing list for members (October).
- MRAC gets its own Internet domain name – www.w9rh.org (October) and revised web page (December).
- A new repeater controller allowing computer based programming (locally and remotely) and real voice messages is installed (October). The controller is produced by S-Com Inc. of Colorado. S-Com is owned by Robert Schmid WA9FBO who attended MSOE from 1968-1973 and was a MRAC member during those years.
- The community repeater site, which MRAC is a part of, goes online with 1200 Ahr battery backup (October).
- A contest is held on the NBC Tonight Show between cell phone text message record holders and 2 hams operating CW to see who can send a message faster. The hams sending CW won.
- FCC releases NPRM regarding the elimination of Morse Code tests for all license classes.
- There are 662,600 amateur radio licenses in the U.S.

2006

- January – Dick McNew, WB9PTC once again returns to conducting code practice on the repeater (returning home from an extended hospital stay on a Friday afternoon and conducting the code practice at 6 PM). However he is hospitalized again within a couple of weeks. "Buck" Buchwald, K9RYW assisted by Bob Immekus W9CYI takes over in Dick's absence and expands practice to 3 days per week (Monday, Wednesday and Friday, 1 hour each day).
- The MRAC VHF/UHF sprint contest has some new rules and new co-coordinators, Joe Schwarz, N9UX and Jeff Annis, K9VS. Badger Contesters again wins club category.
- The club history book achieves its first (of hopefully continuing) annual updates.
- The March meeting features guest speaker Gordon West WB6NOA. He was in town for Superfest beginning the next day. There were 71 people in attendance (including 18 who had never attended an MRAC meeting). The meeting was videotaped and DVD copies (with the addition of still pictures from the meeting) were created and made available. Pictures of the meeting are posted on the ARRL Wisconsin Section web site (thanks to Don Michalski W9IXG, Wisconsin Section Manager).
- John Kraak KF9XL steps down as VEC Chairman after 6+ years at the helm (January 1999 – April 2006). The committee management (Tom Fuszard KF9PU, Tom Czaja KG9EE, and Mark Tellier AB9CD), fill in resulting in no downtime, a first for a MRAC activity.
- New club announcements and repeater voice IDs were added to the repeater utilizing the capabilities of the new controller. Among the voices were Gordon West WB6NOA who recorded some announcements when he attended the March meeting. Another voice was that of Julie Cudahy, engineer and DJ for WMSE FM, the radio station owned by the Milwaukee School Of Engineering. A few people complained of the voices on the repeater but they were in the minority (and most complaining were not even members).
- April 1 (notice the date) – the repeater runs voice IDs as the "N9LKH repeater" (the CW IDs remain correct as W9RH). The 145.13, MAARS repeater (the real N9LKH) runs voice IDs as W9RH. All this was done after discussions between all the technical people and Trustees of both repeaters. After a confusing uproar (confusing as to the reasons given why the joke was not proper) the MAARS repeater returned to "normal" at 9 AM. MRAC held out but also returned to "normal" at 10 AM. April 1, remember – lighten up.
- At the May meeting, among others, Charles Grady KC9IIV was elected Secretary and Sarah Parks KB9ZNC was elected Treasurer and her father Howard AB9FH was elected President. Due to health issues Charles never served as secretary and resigned. Sarah then switched over to Secretary leaving the Treasurer position open. While waiting for President Howard to appoint a new Treasurer, he took on the acting Treasurer duties. While this could look like a bit of a conflict (the person in charge also being the one to write checks), it could be acceptable if very short term. Unfortunately, no replacement Treasurer is found until almost one full year later! (Mark Tellier AB9CD)
- After repeated recruiting, no one steps up to be Field Day Chairman until just weeks before the event Jim Tromblay WB9LNU agrees to help Pancho KA9OFA run this year's Field Day. This is noteworthy since Jim does not even live in the area any longer (but he has traveled to Field Day each year). The club manages to come in last place for their category (5A) in scoring.
- Dick McNew once again returns to code practice, this time sharing duties with K9RYW and W9CYI (Dick does Wednesday nights).
- MRAC again returns to having a table at local hamfests starting with the Milwaukee Repeater Club Friendly Fest (October).
- The space shuttle returns to regularly scheduled flights, most to the International Space Station.
- November - FCC releases a wide ranging Report and Order covering refarming of Novice CW sub-bands turning much of that frequency space over to voice mode. The actual changes take effect on December 15.

- December – Coming just before the end of the year (like the license restructuring of 1999/2000) FCC releases first a confusing press release and then a few days later the official Report and Order eliminating Morse Code testing requirements for all license classes. The FCC also opens the door for a possible reconsideration of some of the voice frequency allocations announced just 1 month previously.
- There are 656,068 amateur radio licenses in the U.S.

2007

- January – MRAC celebrates 90 years of continuous operation.
- MRAC VEC lowers the fee for testing to $5.00 (the lowest since the program began) due to a budget surplus (for the VEC only, not the club in general). Paperwork upgrades (as a result of the coming code test changes) are free.
- Dick McNew WB9PTC continues code practice on the club repeater, adding additional discussions about operating procedures and electronic theory to the code practice. Theory discussion led by Peter Chiu KC9IJH, with related documentation posted on the club web site.
- Again the March meeting falls immediately prior to AES Superfest and as a result MRAC is able to have Gordon West return as a guest speaker this time also joined by ARRL Marketing Manager Bob Inderbitzen NQ1R. There were 54 people in attendance.
- The test session at AES Superfest, March 31, had 100 people take a test for the largest turn out in MRAC VEC history. The large crowd was due to the recent rule change eliminating CW testing and Superfest being a popular event.
- June, Jack Krause W9JK passes away (at the age of 93). Besides holding numerous officer positions over the years, Jack was the first official manager of the MRAC VEC a position he held for 12+ years.
- June – MRAC enters the 20th century with computerized logging for Field Day as well as a PSK31 station operating for the full contest time. Also for the first time in a number of years, a CW station operated almost full time.
- July – For the first time in many, many years, a number of directors got together and performed an audit of the club's financial records and Mark Tellier AB9CD then took over as Treasurer (which should have happened about 6 months earlier).
- August (after some late planning) – MRAC holds an on-the-air special event marking the 90th anniversary of the club. While not as successful as the 85th Anniversary event, a number of HF contacts were made.
- At the insistence of the President and Acting Treasurer Howard Parks AB9FH, the MRAC VEC moves it's finances out of the hands of the club Treasurer and opens their own bank account. VEC money was never part of the club general funds (per FCC rules) but due to problems with normal club accounting methods and understanding, the VEC was told it best to handle the money themselves (in violation of the existing club bylaws at the time). This would result in the VEC having to independently incorporate, effectively becoming a separate legal entity from the club. They would retain the MRAC-VEC name. This process would be complete in 2008.
- November – Dick McNew WB9PTC passes away, putting an end to on-the-air code and theory classes for at least the foreseeable future. Over about 30 years Dick was responsible for many, many hams learning the Morse code.
- Ken Hahn WK9H, a club member and VE becomes ARES Emergency Coordinator (EC) for Milwaukee County, taking over from Dan Workenaour N9ASA, also a club member.
- A decision is made to charge people who receive the Hamatteur Chatter newsletter by conventional postal mail a $10 fee in addition to the $17 dues beginning for the 2008 club year due to immense costs associated with the printing and mailing of the newsletter (which runs about $1 per person per issue = $11 per year). Email and web recipients are not charged an additional fee. This would remove the burden of printing and mailing the newsletter from the normal club finances.
- The average meeting attendance for the year was 26!
- MRAC had 117 members.
- February 24 – Code tests for all amateur license grades are eliminated.
- Victor Company of Japan (JVC) and Kenwood Corp agree to combine corporate management and home audio electronics into a new company (JVC-Kenwood). Kenwood commercial and amateur radio equipment will continue with business as usual.

- November – Motorola agrees to buy 80% of Vertex Standard (the parent company of Yaesu) for approximately $108 million
- Due to poor health, Fidel Castro passes control of Cuba over to his brother Raul who would be “officially elected” as President of Cuba in 2008.
- There are 655,842 amateur radio licenses in the U.S.

2008

- January marks the start of sunspot cycle #24 (Friday, January 4) - Maybe. A number of weeks later show zero sunspots leading to speculation that we still at the bottom of cycle 23. In fact in September there are still zero sunspots occurring (not occurring?) on a regular basis, leading astronomers to speculate if cycle 24 has actually started at all by the end of 2008.
- MRAC partners with the Ozaukee Radio Club to conduct license classes, first with a General class held in Cedarburg.
- Larry Noldan NZ9I joins the MRAC VEC management team bring the management committee back up to 4 (after John Kraak's KF9XL retirement in 2006).
- A budget prepared by our Treasurer shows the club has a good chance of breaking even for the coming year.
- Amateur Electronic Supply allows the MRAC VEC to install a contractor style tool box containing testing materials, at the store to make things easier for our regularly scheduled testing sessions at the store. Thanks AES!
- Once again, the March meeting of the club falls immediately prior to AES Superfest and the club is able to get a return appearance by Bob Interbitzen NQ1R, Marketing Manager of ARRL (who is in town for Superfest).
- At the March meeting Bob Inderbitzen NQ1R presented the club with a plaque from ARRL recognizing the contributions and longevity of MRAC (2009 will mark 90 years of ARRL club affiliation).
- Larry Nolden NZ9I receives an appointment to become the new Emergency Coordinator of Waukesha County ARES.
- As of June, MRAC had 81 members.
- MRAC VEC receives its own incorporation as "MRAC VEC INC". This is due to board action in 2007 which resulted in the VEC being asked to remove its finances from those of the club in general which naturally leads to its own incorporation. Is MRAC the club no longer a VEC? This spawned a flurry of email communications, special board meetings, and more to try to resolve the issue. The original "issue" was confusion and mis-understanding on the part of just 1 or 2 people on the board as to the status of the VEC monies (which were never really income for the club but an accounting liability). Plus, the existing by-laws specified the relationship of the VEC which the board seemed to ignore. The end result is MRACVEC Inc. becomes an independent legal entity. The membership is finally filled in on all the goings-on regarding the VEC situation at the August meeting which included a by-laws change to reflect the club no-longer being a VEC (the article/paragraph defining the VEC operation was simply removed). Before the smoke clears, one of the VEC management resigns his club membership, one VE resigns his position and hard feelings result among some board members and others.
- Due to escalating work demands, Ken Hahn WK9H resigns his position as Emergency Coordinator (EC) of Milwaukee County ARES (May).
- Bill Brossman W9EQP passes away at the age of 99. Bill was President of MRAC in 1938 and ran the Milwaukee-Florida net for many years.
- In July, Pancho Doneis KA9OFA resigns the board and his position as editor of the club newsletter after 15 years.
- At the August meeting Ted Stiller WA9RDI resigned from the board of directors after having just been re-elected in May. His resignation speech, which was given at the last second of the club business meeting while people were preparing to leave, included some questionable comments personally attacking other directors.
- The August and September meetings feature programs dealing with the Softrock kit SDR receiver. The club purchases one kit and offers it to a club member on the condition that they will build the kit, get it working, and discuss their trials and tribulations at least one club meeting. After a couple of months of asking, Pancho KA9OFA offers to be the Softrock experimenter. He eventually built the kit but never got it working.

- After some last minute arrangements, the club Christmas Party, scheduled to take place Saturday December 13 ends up being cancelled due to a lack of advance reservations. This is the first time that happens since the dinners were added to the old "Old Timer's Nite" in 1979 becoming the Christmas Party.
- Richard Garriott W5KWQ, a video game developer, entrepreneur, and son of astronaut Owen Garriott W5LFL (who was the first person to operate an amateur radio station from space, aboard the space shuttle STS-9), became the sixth private citizen to pay for a trip to the International Space Station. He was to be the first person to pay for the space flight but amid some financial issues sold his seat.
- In the interest of eliminating consumer confusion and help acceptance of a new format, the HD DVD camp shuts down leaving Blu-Ray as the format for high definition DVD recording (for now at least).
- Sir Arthur C. Clarke noted author/Inventor passes away at the age of 90. Clarke was the author of 2001: A Space Odyssey (and it's sequels, 2010 and 2069) as well as a number of other fiction and non-fiction books. Clarke is credited with the concept of the communications satellite (1945). A satellite geosynchronous orbit is referred to as in the Clarke orbit. Clarke was also a life member of AMSAT.
- September 28, the first privately developed liquid fuel rocket to orbit the Earth was launched. SpaceX was the company who developed, built and launched the rocket named the Falcon 1. The launch site was on Omelek Island at the U.S. Army Kwajalein Atoll (USAKA) in the Central Pacific, about 2,500 miles southwest of Hawaii.
- The Milwaukee Brewers win the National League Baseball Wild Card position putting the team in the post season playoffs for the first time in 26 years. The team lost to the Philadelphia Phillies in the divisional playoff series 3 games to 1. Philadelphia would go on to win the World Series beating the Tampa Bay Rays 4 games to 2.
- Barack Obama (Senator from Illinois) is elected the 44th President of the United States, the first African-American person to serve as President.
- Through a series of business and financial mishaps (and maybe some criminal activities) the world financial markets (including the U.S.) collapse. Billions of dollars are lost on various stock markets and real estate. Thousands of people are forced into foreclosure on their homes. A small handful of the largest "banks" in the US are given billions of dollars to prop up their businesses as a result of their bad investments and loans.
- There are 663,564 amateur radio licenses in the U.S.

2009

- MRAC purchases a table at the West Allis hamfest for a club exhibit but fails to staff the table leaving it empty for the hamfest.
- Due to increasing demands outside of the club, Howard Parks AB9FH resigns as President of MRAC. Almost like 2003, the VP, Brian Bieger KC9HEK has been sent traveling by his job making him unavailable for most meetings. Brian (Bieger) then appoints Brian White, K9LCQ the new VP and that Brian will run meetings until a new, 1 year term President is elected at a special election called for the May meeting (to coincide with the normal election of 3 directors). Mark Tellier AB9CD runs for and is elected (with no opposition) to the special 1 year term as President. Now a new Treasurer is needed. 2009 will end and MRAC will still not have a formal Treasurer (with Mark AB9CD doing Treasurer duties as well as President – not good).
- For the first time in many years, the club operates Field Day totally off generator power. Also no "general" club picnic is scheduled for Field Day.
- The July meeting is Pancho KA9OFA discussing his progress with the Softrock SDR receiver kit the club offered in November 2008. Construction is complete but the receiver is not working yet.
- At the September meeting (featuring a presentation on mobile CW operating by Pat Hoppe WW9R) an unexpected visitor shows up, Harald (Al) Kjode, LA9SN from Norway. Harald also operates mobile CW but using 1000 Watts!. He is also at the top of the DXCC Honor Roll, having worked 344 countries (there are 338 at this date). Harald happened to have a flash memory drive with him with a number of pictures of some of his one man DX-peditions which added another hour to our already excellent program.
- The Military Affiliate Radio System (MARS) changes its name to the Military Auxiliary Radio System (still MARS).
- All broadcast television must go to digital transmission on February 17. Most TV stations will be assigned new operating frequencies (most on UHF). Also channels from 60 on up will no longer be used for TV and will be auctioned off. The government offers up to 2, $40 coupons per household for the purchase of digital TV converters for those who own old "analog" TVs.
- Congress extends the date for broadcast television conversion to digital from February 17 to June 12. This was to allow more time for the general public to either purchase new TVs or converters for old TVs.
- February 11 – In a first time event, two in-tact satellites collide in space. A Russian Cosmos 2251 satellite (presumed non-operational) crashed into an operating Iridium communications satellite (one of 66 in orbit) creating at least 500 pieces of space debris.
- A historic series of 5 spacewalks is used to basically "rebuild" the Hubble space telescope, extending its useful life by years.
- Due to the poor economic conditions which began late in 2008, Chrysler and General Motors both declare bankruptcy after accepting billions of dollars from the American taxpayer. Chrysler is subsequently sold to Fiat of Italy and with taxpayer dollars, the government becomes the owner of GM.
- Michael Jackson, the self-proclaimed "King of Pop" dies under mysterious prescription drug circumstances.
- August 12. Lester William Polsfuss (Les Paul) guitarist, inventor, performer, born in Waukesha, Wi, died in White Plains New York at the age of 94. He is one of a handful of people who have a permanent exhibit at the Rock and Roll Hall of Fame and also has an exhibit at Discovery World in Milwaukee. He is responsible for the invention of the solid body electric guitar (Gibson guitars named a model guitar after him) as well as numerous audio recording techniques including multi-track and "sound-on-sound" recording.
- There are 682,497 licensed radio amateurs in the U.S.

2010

- The MRAC board decides to add a late payment penalty to dues paid after May 1. For now, the penalty will be $3.00 making late dues $20.00. This was done to avoid a rush of people trying to pay dues at the May meeting which is usually an auction besides elections. Also, it helps to get people to pay somewhere near the time dues are actually due (January), so the club has money to operate.
- Besides late dues penalty, a decision was made to make dues for any new member who joins after September 1 essentially free for the remainder of that calendar plus $17 for the next year (so someone who joins in September gets 16 months of membership for $17.
- MRAC gets business cards for PR purposes.
- No one steps up to be Field Day Chairman.
- At the May election, no one runs for Vice President or Treasurer. The board will formulate a plan at the June board meeting. The club has not had an official Treasurer for 3 of the last 4 years.
- MRAC finds a local vendor for name badges and tries again to get members to buy badges..
- Due to a real Field Day (a tornado which struck the town of Eagle requiring hams to assist in disaster assessment, security and Red Cross communications), MRAC Field Day operations had no digital station. This also prevented at least 2 regulars from attending Field Day. With no Chairman and the tornado needs, Field Day is only a 2A operation by a small handful of people.
- MRAC does not meet during July and August. That is how the club operated until the early 1990's.
- MRAC finally, again has a Christmas Party, this time in association with Milwaukee Area Amateur Radio Society (MAARS), owners/operators of the 145.13 repeater. The majority of attendees are MAARS members.
- Dr. H. Edward Roberts passes away. Dr. Roberts was the owner of MITS producing electronic calculators. He then became the developer of the Altair 8800 microcomputer as featured on the cover of the January 1975 issue of Popular Electronics effectively starting the personal computer revolution. He also gave Bill Gates and Paul Allen their start in the computer business (they wrote the BASIC interpreter for the Altair). Roberts sold MITS in 1977 to study medicine and become a medical doctor. He was 68 when he died.
- The weekend of April 16, 17, 18 sees the use of the 1000 foot diameter radio telescope at Arecibo, Puerto Rico on 432 MHz moonbounce using the call sign KP4AO. The antenna has a gain of approximately 60 dbi, making it easier than normal for modest stations to make a moon bounce contact. 242 people made successful moonbounce contacts with the observatory that weekend.
- Dr. Fritz Sennheiser passes away at the age of 98. He was the founder and Chairman of Sennheiser Electronic GmbH & Co a German maker of headphones, microphones and related equipment.
- There are 696,041 licensed amateurs in the US.

2011

- MRAC votes on changes to the by-laws re-creating Student membership (this time with free dues) and changing the officer election process to that used from 1917 – 1951 – electing directors only and then the directors select officers from those on the board. The changes are approved only after much discussion and a number of dissenting votes.
- MRAC attempts a Hamfest partnering with the Milwaukee Area Amateur Radio Society (MAARS), just like the Christmas party. The Hamfest is held at the Channel 10/36 Friends Auction building in Brookfield on Saturday, February 19. Amazingly, it turns a profit in its first year based on more than 40 vendor tables and 220 tickets sold (about $500 for each club).
- MRAC secures the use of Redemption Lutheran Church (where meetings are currently held) for a Saturday morning pancake breakfast open to all area hams. This is also held in conjunction with MAARS. They had their first pancake breakfast in 2010 at a person's house. Unfortunately, due to a number of circumstances, the turnout is light.
- The late dues penalty is shifted to April 1 since elections now take place in April instead of May.
- Gordon West WB6NOA makes his third appearance at a MRAC meeting. This was because the March meeting fell immediately prior to AES Superfest again.
- Once again, no one steps up to be Field Day Chairman, so in continuing our working relationship with MAARS, Field Day planning is turned over to them. Dave Schank KA9WXN and Al Maahs KC9IJJ MRAC board members and MAARS members do the job.
- MRAC Field Day operations move to Konkel Park in Greenfield in partnership with MAARS (Milwaukee Area Amateur Radio Society - 145.13 repeater club). In order to maintain relations with Ozaukee County Historical Society and Pioneer Village, a secondary, un-official Field Day operation is operated at Pioneer Village in Ozaukee County under the call sign of AB9CD, Mark Tellier.
- CQ Magazine sends a photographer (Larry Mulvehill WB2ZPI) to spend Field Day weekend with MRAC. Besides our Field Day operations, he also takes pictures of the community repeater site, WMVS and WMVT TV transmitters, and the Gateway Technical College Field Day operations (advised by MRAC's own Pat Hoppe WW9R). Pictures of WMVT TV transmitter with MRAC member and Director Dave Schank KA9WXN appear on the cover of the October 2011 issue of *Popular Communications* magazine. Two of the Field Day pictures as well as one picture from the Gateway Tech College Field Day and one picture from the community repeater site also with Dave Schank KA9WXN appear in the 2012 CQ Amateur Radio Calendar including the front cover. The cover image is also used in ads for the calendar over a number of months in numerous CQ publications.
- Leo Meyerson W0GFQ founder of World Radio Labs, maker of the Globe and Galaxy lines of amateur equipment as well as the World Radio Labs retail store passes away in April at the age of 100.
- May 24 marks the debut episode of the Internet based video ham news and features program called Ham Nation. The program is hosted by Bob Heil K9EID (of Heil Sound) and Gordon West WB6NOA. The program appears weekly, Tuesday evenings at 8 PM Central time. It is hosted on the T.W.I.T. (This Week In Technology) web site operated by Leo LaPorte a technology broadcaster who subsequently became a ham himself with the call W6TWT.
- The Green Bay Packers beat the Pittsburgh Steelers 31-25 in Super Bowl XLV.
- The Milwaukee Brewers Baseball team win the National League Central Division title. They lose the league championship to St. Louis who then go on to win the World Series. St. Louis was the team which beat the Brewers in the 1982 World Series (when the Brewers were in the American League and were league champions).
- Dr. Sidney Harman founder of Harman/Kardon (1953) a manufacturer of audio electronics and the developer of the first stereo receiver (incorporating preamp, power amp, and radio tuner), passes away at the age of 92.

- Edgar M. Villchur passed away at the age of 94. Mr. Villchur was the developer of the acoustic suspension loudspeaker (1954) and cofounder of Acoustic Research along with Henry Kloss. The company's model AR-3 speaker is on display at the Smithsonian Institution.
- Steve Jobs, who founded Apple Computer along with Steve Wozniak (a former ham) in 1976 and served as the company's CEO, passes away at the age of 56.
- There are 702,056 licensed radio amateurs in the U.S.

2012

- The FM simplex contest featured a 95th club anniversary certificate to all who contacted the W9RH station in the contest. MRAC once again wins the club category of the contest (but Badger Contesters are still ahead overall by one win).
- MRAC and MAARS held our second joint hamfest at the channel 10 auction site. Prizes were offered for the first time this year including a donation of the N3FJP logging software suite (donated by N3FJP) and a mobile VHF/UHF antenna donated by the RF Adapter Guy.. 55 tables and 300 admission tickets were sold, an increase over 2010. The two clubs each pocketed $766 profit (that was after providing pizza and soda to all volunteers who cleaned up after the fest on Saturday afternoon). That was almost a 50% increase in profit over 2011!
- The February MRAC meeting acts as a late holiday / 95th Anniversary / successful hamfest / club member celebration party along with MAARS featuring free food (courtesy of Hamfest profits as well as Al Maahs KC9IJJ and Dave Schank KA9WXN).
- The March MRAC meeting again falls immediately prior to AES Superfest which allowed Gordon West WB6NOA to make his fourth appearance at an MRAC meeting.
- MRAC operates a special event HF station for its 95th anniversary during Superfest at Amateur Electronic Supply. The demo radios at the front of the store are offered for our use and the club table is also located there, making us the first thing people see when entering the store. 6 members as well as Gordon West operate the radios for 2 hours Friday and 6 hours Saturday making over 200 contacts with stations all over the world.
- In time for the annual auction, 2 non-members donate a large amount of radio and audio equipment which along with other donated items for auction brings the total club income from the auction to just under $1600! With plenty of PR and the amount of donated equipment, there were 42 people in attendance which included 16 visitors.
- MRAC once again participates in Field Day along with MAARS. This year Amateur Electronic Supply provides a brand new Icom IC-9100 (about a $4000 HF/VHF/UHFradio) for our operations.
- In June the first set of officers under the new bylaws (modeled after those in place prior to 1951) step up from those directors elected in the general election. Dave Schank KA9WXN takes over the job of President. This is in addition to being President of MAARS, Chairman of the Wisconsin Association of Repeaters, and being on the board of the West Allis radio club.
- In August MRAC joined in hosting a picnic with MAARS. Over 65 people attended. At the picnic a low key special event operation for the club's 95th anniversary was also held (sort of part 3 for the year) including making special event contacts on the club repeater.
- October 9 – Weekly on the air license classes / discussion begins on the club repeater every Tuesday and the MAARS repeater (145.13 MHz) every Thursday. The classes start with General class and will continue with Extra. The classes are conducted by Erv Roman N9YNU (while he himself was studying for his General – and then passed Nov. 24).
- November 4 - The MRAC repeater is used as a backup frequency (simplex was the primary) for the Jingle Bell Run at the Milwaukee County Zoo. The run is a fund raiser for the Arthritis Foundation.
- December 1 – The State of Wisconsin issues a proclamation designating January 17, 2013 as Milwaukee Radio Amateurs' Club Inc. Day in the state to commemorate the completed 95th anniversary of the club.
- Some of the programs at club meetings during the year included the first ever all-encompassing party (with free food), part 2 of show us your antenna farm, the annual auction (which made a record profit for the club), TWO appearances by representatives of West Mountain Radio – one covering their digital mode products and one their power products, astronomy and telescope building.

- Motorola spins off Yaesu Munsen (January 1, 2012) which will produce amateur radio, marine, and aircraft equipment while keeping the Vertex and Standard commercial land-mobile business for themselves.
- Fred Maya W5YI, the man behind one of the first VECs, the founder of the National Council of Volunteer Examiners (NCVEC), writer of numerous amateur radio magazine articles, book publisher and all around amateur radio legal and historical expert passes away at the age of 75 (3/28/12).
- Dick Baldwin W1RU passes away (6/21/12) at the age of 92. He was General Manager and VP of ARRL from 1975-1982. He was Secretary of the International Amateur Radio Union (IARU) from 1976-1982. He then retired from ARRL and became President of IARU from 1982-1992 overlapping with ARRL International Affairs VP from 1982-1986. Dick attended not one but two MRAC Old Timers Nite / Christmas Parties in both 1979 (for our 60th anniversary of ARRL affiliation) and again in 1980.
- Jack Tramiel passes away at the age of 83. Jack was the founder of Commodore International, the company which produced the first personal computer to pass the 1 million units sold (in 1982) milestone with the VIC-20 computer.
- Larry Mulvehill WB2ZPI is inducted into the CQ Amateur Radio Hall Of Fame. Larry is the photographer for CQ magazine and its related publications for 30 years. CQ sent Larry to Milwaukee to photograph the MRAC / MAARS Field Day operation in 2011. His work resulted in the club and its members being featured on the cover and 4 months of the CQ Amateur Radio Calendar for 2012 and a cover of Popular Communications for October 2011.
- The unmanned mobile exploration vehicle, "*Curiosity*" lands perfectly on the surface of Mars.
- Heath Educational Systems (the former Heathkit) filed for bankruptcy after defaulting on its loans and abandoning its office space.
- Walt Maxwell W2DU passes away at the age of 92. Walt was the author of a series of QST articles. *"Another Look At Reflections"* and the book *"Reflections: Transmission Lines and Antennas"* which both fully described the effects of SWR, line loss, baluns, and antenna tuners.
- There are about 709,500 licensed amateurs in the U.S.

2013

- Thursday January 17 is designated the Milwaukee Radio Amateurs' Club Inc. Day in Wisconsin by Governor Scott Walker (in recognition of our 95th anniversary in 2012).
- February - The on the air license study classes as conducted by Erv N9YNU which have been weekly since October 2012, are suspended pending some course adjustment by Erv. He expects to resume again in April.
- MRAC and MAARS hold their 3rd annual hamfest. Each club pocketed a profit of about $650.
- Once again, the February MRAC meeting acts as a late holiday / Anniversary / successful hamfest / club member celebration party along with MAARS featuring free food (courtesy of Hamfest profits as well as Al Maahs KC9IJJ (doing most of the cooking) and Dave Schank KA9WXN).
- DVD-ROMs of the club history distributed to members and other interested parties now contain a series of short (5-15 minute) videos of the photo album / scrapbook instead of a Microsoft PowerPoint slide show. Currently the videos are 99% silent. Proper soundtracks are on the to-do list.
- Due to the recent trend of people bringing radios to Field Day, the club decides to sell the two radios it owns (and have not been used in the last 3 Field Days) and use the money for antennas and related equipment. As part of that focus, the club purchases a Cushcraft MA-5 mini-beam from the estate of a silent key (the estate being handled by Mark Tellier AB9CD and the items being sold at our hamfest in February). The club will now be selling the two Cushcraft A3 full size trap triband beams it currently owns (but doesn't own a rotator or proper mast for either of the A3 beams).
- The Gateway Technical College (of Racine) radio club, under the guidance of MRAC member Pat Hoppe WW9R, will be joining MRAC and MAARS at this year's Field Day in June.

The Beginning as Told By Someone Who Was There

Editor's note: The following is a reprint (with exact spelling and grammar) from a copy (dated October 1956 by Emil Felber W9RH) of a document entitled *"The Milwaukee Radio Amateurs' Club by L. S. Baird, Past President"*. Other copies of this document have also been found proving it is authentic. The exact date of original publication is unknown though some documents point to sometime in 1923. L.S. Baird was one of the four founders of the club and the first president.

The Milwaukee Radio Amateurs' Club
By L.S. Baird, Past President

The Milwaukee Radio Amateurs' Club was founded in January 1917, by L. S. Baird, A. C. Kletzsch Jr., J. B. Hitz, and Alonzo Pawling. In its prewar existence it could have been characterized as the junior amateur radio organization of the city. This existence being one of but a few months, all the early members were drawn from but a limited section of the city.

Previous to the founding of the Milwaukee Radio Amateurs' Club two of the local high schools had organized radio clubs, and one or two other attempts were made to found local wireless clubs, but with one exception none endured long. This exception was the Milwaukee Radio Association, which at the time of the founding of the Milwaukee Radio Amateurs' Club constituted the senior radio association of Milwaukee. This association did not survive the war period of government ban on amateur radio activities. Its post-war membership was absorbed by the Milwaukee Radio Amateurs' Club. Among these members were Robert Miregler, C. F. Bates, L. J. Prahl, and L. A. Degner. The Milwaukee Boy Scout Radio Club was founded at about the same time, but existed for only a short period while its members were receiving instruction in elementary radio from a member of the faculty of the School Of Engineering. Some of its members joined the Milwaukee Radio Amateurs' Club.

In the spring of 1919 and shortly after the government ban on amateur radio activities was removed, a meeting of the Milwaukee Radio Amateurs' Club was held and plans were made for the coming club season of 1919-1920. A careful survey of the city was made and a list of all amateurs was compiled. This list was the nucleus of the complete record of all amateurs in the city that the club now keeps. The Trustees' Room of the Milwaukee Public Museum, which has a seating capacity of about one hundred, was secured as a hall for the Club to convene in.

At the first meetings in the fall of 1919 a new constitution was adopted and officers elected and installed. The officers were L. S. Baird, President; C. N. Crapo, Vice President; R. A. Teschan, Secretary; T. V. Weston, Treasurer; and R. A. Pelishek, Business Manager. Others prominent in the direction were: C. S. Polacheck, C. M. Prinslow, A. C. Kletzsch, Jr., and A. B. Lord.

The club became affiliated with the American Radio Relay League, Inc. and L. A. Degner, a member, was appointed City Manager. Many other events, both business and social, took place this year.

The club opened the season of 1920-1921 with L. S. Baird, Chairman of the Board of Directors; C. N. Crapo, President; A. B. Lord Vice President; Louis Heyman, Secretary; and E. W. Ruppenthal, Treasurer and Business Manager. Mr. Crapo succeeded Mr. Degner as City Manager for the American Radio Relay League, Inc. Meetings were held this season in a lecture room in the Old Insurance Bldg. obtained thru the courtesy of the School of Engineering of Milwaukee. The Milwaukee membership of the now defunct Wisconsin Radio League, which

had been founded by M. B. Grogan and R. F. Laidlaw, was absorbed by the club. Mr. Grogan became the Milwaukee Radio Amateurs' Club publicity manager. Before the organization of the Milwaukee Radio Executive Council, the Club became affiliated with the Chicago Executive Council (Radio). The "Chicago Plan" for control of radio traffic was adopted and enforced first by the Club and then by the Milwaukee Council. It was thru the efforts of the leaders of the Club that the Milwaukee Radio Executive Council was formed. This Club and several others are represented in the Council. The season was closed by a successful social and dance held in the dining room of the St. James Episcopal Church.

The season of 1921-1922 was opened with the following officers: L. S. Baird, Past President; C. N. Crapo, Chairman of the Board of Directors; D. J. Gellerupt President; H. F. Wareing, Vice President; L. W. Klingbiel, Secretary; and E. W. Ruppenthal, Treasurer and Business Manager.

The club meets weekly at 8:00 P.M. on Monday evenings, except the third Monday of each month, in the Trustee's Room of the Milwaukee Public Museum. Visitors and prospective members are welcome at all meetings. At meetings when outside speakers are not present, members present papers and informal discussions take place. Previous to the hour of opening the meeting, half an hour is devoted to code practice for those who desire it. Members are encouraged to present before meetings both radio traffic and technical problems. It is the hope of the direction of the club that in the near future a plan will be inaugurated whereby a certain period of the meetings will be devoted to giving instruction in elementary electricity and radio communication.

This year the club has embarked on an extensive lecture program. An attempt has been made to secure from the ranks of employees of Milwaukee's electrical industries a number of men who could lecture on some subject that has points in common with radio communication. Some of the lectures that have been given and some that remain to be given are: December 8, 1921, "The National Electrical Code and Its Application to Radio Signaling Apparatus", by A. C. Schultz, Electrical Inspector, Wisconsin Inspection Bureau; January 23, 1922, "Serving the Radio Amateur" by W. S. Wilder, Sc. B., E. E., Electrical Testing Division, The Milwaukee Electric Railway and Light Co.; February 13, 1922, "The Theory of the Electron Tube" by R. C. Siegel, Sc. B., The University of Wisconsin, 1921; February 27, 1922, "Some Possibilities in the Development of Electron Discharge Apparatus" by Arthur Simon, member I.R.E., Electrical Engineer, Cutler-Hammer Mfg. Co., March 13, 1922, "Storage Batteries" by J. P. Schroeter, Electrical Engineer, formerly Consulting Engineer, American School of Correspondence, Chicago, Ill. All radio men and other interested persons are invited to attend.

The club has several committees thru which much of its work is accomplished. Membership in one or more of these committees entitles the radio amateur to become actively engaged in the solution of the problems of local radio organizations. There is a Committee on Interference and Relay which has for its duty to cooperate with the A.R.R.L. City Manager in the solving of problems of local radio traffic. Some other committees, the work of which is obvious from their names, are the Committee on Papers and Publications, Program Committee, Publicity Committee, and the Committee on Research and Development. The work of the last-named committee is shortly to be transferred to a radio laboratory founded by several radio club members.

Membership appeals alike to the "DX" man, the radio experimenter, the beginner, and to those who have only a set for the reception of radio broadcasts. There are three classes of membership viz: Member, Associate, and Junior. Dues for the first two classes are fifty cents a month and for Juniors, twenty-five cents. An initiation fee of one dollar is charged. The Direction of the Club is especially desirous of having for members all local members of the A. R. R. L., making the Club a real local section of the League.

There are several other radio clubs in Milwaukee and its suburbs, three of which are affiliated with this club thru the Milwaukee Radio Executive Council. They are as follows: Wauwatosa Radio Club, meeting on Monday evenings in the Wauwatosa High School; West Allis Radio Club, meeting on Friday evenings in the West Allis Public Library; South Side Radio Club of Milwaukee, meeting on Wednesday evenings in the South Side Branch of the Public Library. Although the Milwaukee Radio Amateurs' Club has a centrally located meeting hall and embraces a city-wide membership, its direction realizes the expediency of having additional radio clubs in the suburbs and various sections of the city. The Milwaukee metropolitan district is large enough and boasts a sufficient number of amateurs to make it a multi-club one. The Direction of this club does not view these contemporary clubs as competitors but as organizations striving with this Club to make Milwaukee's radio organization a success.

Milwaukee's radio traffic organization and traffic conditions will be discussed in another article under the heading of the Milwaukee Radio Executive Council.

The executive office to which all Club correspondence should be addressed is: 601 Enterprise Building, Second and Sycamore Streets, Milwaukee, Wisconsin.

From Dollars To Doughnuts

(The MRAC Communications Van)

Unknown – First appeared in July 1951 Hammateur Chatter

This piece could be captioned in many ways - "Out of little acorns, big oaks grow," would be an apt description. Or perhaps, "There's no substitute for work." Wise men through the ages have said countless things and historians have preserved the best for posterity. But the guy who coined the phrase, "From Dollars to Doughnuts," hit it right on the button when he gave us those few words to tell the story of the Milwaukee Radio Amateurs' Club mobile radio truck, W9HRM.

The Dollars part of the story, goes back to Jack Doyle, W9GPI, when he started the ball rolling and then put his shoulders behind the A.R.R.L. national convention staged here a few years ago. The club realized a tidy sum from the three day affair. Being a non-profit organization it was necessary that the M.R.A.C. take steps to put the money earned to the best possible use as soon as possible. Not being a frivolous group, after the first big affair at the Milwaukee Athletic Club, leading members and the board of directors hit upon the idea of a mobile radio truck owned, fitted out and operated by the club, and its members.

The ball was set in motion again. Arrangements were made to purchase a new international ton-and-a-half truck with a Metro van type, body. Radio gear was procured at the best possible prices with the help of Radio Parts Co., Amphenol, Motorola, and others. The Forrer Equipment Co. donated the operating chairs, for example.

A first class job of installation was the next step as the $5000 "ball of-wax" took form. H. Charles Kaetel, W9SNK, a WISN engineer, and Gene Wille, W9EKU, a sound engineer, seized the, opportunity to be of service and took charge of putting the equipment in operating shape. They were ably assisted by Clarence Burke, W9KEU, who handled the mechanical installation, and W9IDW, W9GLA, and W9LCD. The Gettelman Brewery electricians put in the AC wiring.

In a little more than a year we have come from the Dollars to the Doughnuts.

A newcomer to the club lists, Bob Posanaki, no call yet but a ham through and through, handled the doughnuts. It came about at the A.R. R.L. Field Day, just concluded. Travis Baird, W9VQD, and his crew of operators wheeled the completed W9HRM onto the field day location the Robert J. Kieckhefer estate in Brookfield and friend Posanaki wheeled in the doughnuts. Some thirty members participated in the exercises, and they all came away raving about the terrific job of gratis baked refreshments that Baker Posanski kept rolling from his Beloit Road emporium to the Brookfield headquarters. . .

Baird and his outfit using the truck rigs as a nucleus rang up 411 contacts in the 24 hour period. Most of the QSO'S were made on 40 meters, with ten meters showing up badly due to the condition of the band. Truck equipment used were the Collins and Harvey-Wells transmitters and the HRO and NC 57 receivers with RME 152A preselector. All power was supplied from the trailer two-and-a-half KW generator.

Following is a list of members who participated: W9SNK, W9ANA, W9CUW, W9DGB, W9DR, W9EKU, W9FDX, W9GIL, W9GLA, W9MOT, W9GPI, W9GZR, W9HDW, W9IDW W9IRZ,. W9IZO, W9IZQ, W9KEG, W9LFK, W9NMA, W9LFP, W9LIC, W9LSK, W9SQL, W9UH, W9VLK, W9LIU, Baworth, Tom Herzog and Piechowski.

The truck carries two men in the front section and can seat four in the rear. It can be used in motion and carries two whip antennas as well as a collapsible antenna for use from a fixed location.

The MacArthur Parade

Unknown – First appeared in July 1951 Hammateur Chatter

Milwaukee mobile radio amateurs' added another laurel to their rapidly growing list of achievements during the mid-April visit of Gen. Douglas MacArthur to his home town.

After it was determined that the hams could be of assistance in transmitting information on the progress of the MacArthur motorcade, as it entered Wisconsin from the south on Highway 42, two mobile units were officially assigned to the parade itself. Along with relay stations set rip en-route and the base station used to transmit bulletins to the agencies requesting pertinent information, the operation functioned with little Interference and a minimum of difficulty. Under the direction of Charley Kaetel, W9SNK, the mobile group arranged to furnish information to the "MacArthur Network", a group of local stations (WEMP, WFOX, WISN, WMAW, WMIL), the Journal Radio Stations, WOKY, and the Journal and Sentinel newsrooms In addition to the Milwaukee Police department.

Control was established at W9AYX, just off highway 41, on 3873 kc and 3950 kc, with W9IZO, W9GPI and W9WK operating the mobiles, and W9VQD and W9NEM trouble shooting along the route in other mobile cars. The staff at W9AYX Included W9IZH and W9VLK, in addition to W9SNK. All bulletins were relayed to the Shorewood emergency station, W9IH, and then telephoned downtown. The staff at W9IH included W9EBJ, W9AMB, W9DR and W9HWO. After the motorcade reached Milwaukee and started its whirlwind tour through the city during the afternoon the frequency shifted to ten meters and 29640 kc with W9EKU, W9MNI, W9MOT, W9UMX and W9RH participating as mobiles.

Jack Doyle, W9GPI, best describes the day's crowded activity in a story he has put down for posterity called, "The Daylight Ride of the Mobileers". Space in this issue does not permit a detailed account of 'the harrowing experiences Jack, Tommy Gettelman, Tommy Thomas and all the other faithfuls underwent. But his tale of the pushing, the shoving, and most of all the …but... let him tell it… "As we moved into position behind the Governor's Cadillac, the big number ONE on his license became our target. Our speedometer suddenly was up to 55-60-70-whee 75 miles per hour and our driver froze solidly into the alert position of a person driving down a steep mountain grade his right foot pushing on the accelerator and his left one poised above the brake pedal.

"Within what seemed like seconds we plunged into the outskirts of Kenosha and people were everywhere including the roadway. Then Racine, the Milwaukee County line, the city and. in less time than it takes to tell about it, we arrived at the Plankinton Hotel after the wildest drive of your reporter's career.

W9IOX and W9GIL attempted to get some snapshots and movies. We nearly lost two good hams in the mission. Gettelman needed a vacation to restore his shattered nerves, and Billy Sanger, our driver, wears an elastic bandage on his wrist after qualifying for the '500' race.

In the records the MacArthur motorcade can well go down in M.R.A.C. history as the 'Great Rat Race' and a revelation on amateur operations mobilewise at speeds and under conditions that NEVER again will be equaled. Nobody could get that nuts!"

Emil Felber W9RH

(Editor's note – Emil Felber was a club member from 1924 until his death in 1967. During that time he served in various capacities of the club including President, other board and officer positions and was instrumental in the club's participation of the War Emergency Radio Service. Shortly after his passing the club changed its license from W9HRM to W9RH. This was years before the vanity call sign program as most current hams know.)

Reprinted from February 1951 Hamateur Chatter
(2013)

W9RH–OLDFAITHFUL

He's not the oldest oldtimer. 1923 isn't as far through the years as a lot of still active local amateurs can look back to.

He never had the highest power. Kilowatts came and kilowatts have gone, but he's had only a consistent middle-of-the-road wallop.

His station could hardly be called commercial. But his HRO was one of the first to grace receiving positions among Milwaukee amateur radio stations.

This fellow has never been an ARRL director, but through the years there have always been the regular line ARRL appointments up to SCM.

What then is his claim to fame. That's it! He isn't famous. But Emil R.Felber, W9RH, is consistent.

Now in his seventh term as MRAC treasurer, and in his fifteenth term as a MRAC Director, W9RH has been hamming in Milwaukee for 28 years. And in that 28 years his forte has been service; amateur radio as typified by the MRAC has received the bulk of his service.

W9RH was on the air before the first broadcasting station here. In the days when radio parts could be purchased only at Dewey's Sporting Goods Store and Waukesha was DX, W9RH and his spark coil used to badger for position with the handful of other local spark gap devotees on the band around 240 meters.

Later Emil spent "six-fifty" of his hard earned high school day money for an audio detector tube and heard a Detroit broadcasting station. He was really branching out.

Then, using his flat top and counterpoise he hooked stations in upstate New York, Ohio and all through the east on the old 200 meter band.

In 1925, W9RH experimented with radiophone in the most primitive of fashion. He loop modulated his final tank and with a telephone mike worked a couple of blocks over to W9LJU, Ray Peschek. Ray, a present day MRAC member, also, was then attending Boys' Tech while Emil was about to graduate from West Division. The story is told about W9IJU's "slop jar" rectifiers freezing up regularly in his unheated bedroom "shack" rendering his station inoperative.

W9RH. joined the club in 1924, and a decade later was elected president. It was during this period, too, that Emil Felber made a name for himself as a DX man, working such well known amateurs as Archduke Anton Hapsburg of Austria, among others. He twice led the state in the ARRL sweepstakes contest, and that at a time when it used to last for nine grueling days as against the present two weekends.

Emil gets the lion's share of credit for publishing the fine MRAC roster. In 1948 and again in 1951 he compiled the roster himself.

The United States Postal Department claims his daylight endeavor, and Emil Felber can be found almost any week-day trudging the west side streets, delivering the mail, but always ready to "knock off" and hash over the latest news or innovation in his hobby, amateur radio.

(This is another in a series of feature stories about MRAC members who have been active over a period of years on behalf of the club.)

Editors note: The list of all officers appearing later in this book was based on a list compiled by Emil Felber which was current right up until his death in 1967.

A Letter From The Founder

Editor's note: The following is a letter from the MRAC founder Dr. L.S.H.Baird to J. Travis Baird (no relation) dated December 19, 1961. A copy of the original letter is contained in the club electronic archives in PDF form
(2013)

December 19, 1961

Dear Travis,

What gives?

On a card just here from Crapo is a note, which. Sounds like "old rocking chair's got him", he says he isn't chairmaning the O. T. meet this year--told you he couldn't handle it.

I thought I had an equity in it this year. I've written around for a couple of years trying to locate the half dozen who started the Club in 1917, and I have been proposing to Crapo and Folly that this year they feature a "Founder's Night" with as many of the old boys on deck as possible.

Last year I had already dug up Art Faukner, and he was there. Now I have located Oscar Miller--he's a banker in Miami, Fla., and any day now I still hope to discover the whereabouts of the last of the Pawlings, Al-an acquaintance of mine rents their big old shack up on 20th & Grand. I think Crapo has all addresses I turned up.

Then I thought olly would write the publicity, for he was in the old ARRL publicity dept. with me. I sent him a sample release, as enclosed. But I haven't heard from him lately, since right after he was going to see Junior Kletzch, one of us, he said.

I've got one foot in the grave myself, have had for twenty-five years. I can't come, much as I would like to. I was going to personally write all of the founding members, after I knew they had received their official invite, but it seems late now for that. I particularly wanted to write Hitz.

Or maybe you have entirely different plans. I have been away a long time; I may not know what's hep.

I believe I have it' on authority of my aunt that you gave up E.E. in favor of a manufacturing biz. Right?

Wareing was out here last Summer. Crapo was supposed to see me, too, but he says now, next year. There is always a chance, I see, we aren't going to wait for each other. Hi. I am not going to live as long as my aunt and my late rna.

I have rooted for it to all those I have written, Oscar, Jun'on et al. Folly knows 'em all, too, by their first names, and what you can get 'em up for to reminisce. I would surely like to see old C. M. Prinslow, my first wireless pal, who could tell about Gernsback's 10¢ detector he got stuck with.

Let me hear. *73* ex-9HO

A Brief History of MRAC Bylaws

Jim Tromblay (1995)
(revised where noted Dave DeFebo December 2005-2011)
(2011)

Jim Tromblay, WB9LNU while he was secretary of the club and prior to some further by-laws revisions (1995), wrote the following to bring the board up to speed on bylaws changes.

3/8/23 – The first MRAC by-laws were approved

10/17/33 – The first changes to the original by-laws.
Drop the requirement for an Associate or Junior member to be a member of the ARRL.
Only Regular members must have a license and be a member of the ARRL.

5/17/34 – Amendment change to Article 4 paragraph 2 and 3. This amendment changed the time of the year that the elections would take place and on what days the meetings would take place

9/4/41 – Amendment change to the by-laws.
Change the location of the normal meeting place.
Change the supplied a member was required to have such as a copy of the Radio Communications Laws.
Changed the requirements to be a club member.
Changed the dues to 50 cents per week.
Drop the power of the club to control a persons operating times. This control over members was used because of the early spark transmitter interference problems.
The meeting of the board of directors could be held whenever they want based on mutual agreement instead of the club meeting hall.

3/2/42 – Amendment change to the by-laws. 5 levels of membership were established along with a complete description of each level of membership.
Regular Member
Associate Member
Life Member
Honorary Member
Non-Resident Member

6/11/46 – Add the club's first Trustee to the bylaws for the club station call W9HRM. That was Aldrich Krones, W9UIT. Each new President would become the new Trustee. This was later changed so one person would be Trustee until a change was deemed necessary by the Board Of Directors.

4/8/48 – Atty. Paul Leeb W9TKY and Emil Felber W9RH totally amended the bylaws to try and update them to match the times.

3/29/51 – New Articles Of Incorporation were written.

12/16/54 – Amendment change to the bylaws. The first proxy vote was used.
Change the regular meeting time from every Thursday to twice per month.
The meetings shall be held on the first and third Thursday of each month.

1965 – A highly condensed and simplified bylaws were written.

1966-1970 – A complete reprint of the 1965 bylaws were included with the yearly club roster.

1979-1980 – Very controversial bylaws were written (*including procedures for removal of a director – DBD*) causing dissention among the club and the board. Unusual wording changes and many mis-prints in the bylaws when they were published caused the controversy. The new bylaws were approved by a quorum vote but it appeared the members did not know exactly what they were voting for (based on information published in the Chatters of that time). A printing correction sheet was eventually sent out to all members.

1983 – The 79-80 bylaws were changed to remove all the controversial items. Special attention was given to who has the right to vote and constitutes a quorum.

1985 – In September of the year, the club receives a letter from the State of Wisconsin stating all old corporations are required to re-incorporate.

1987 – New, restated Articles of Incorporation were made and the new bylaws were examined by Atty. Fennig. Quorum and proxy changes were made to be sure there could always be a vote (using what constitutes a quorum and allowing again, the use of proxy votes – DBD).

1988-1989 – Members were sent copies of the 1987 bylaws with changes to in Article 5 Section 2.

1995 – New simplified bylaws based on a study of club history, tensions and communications problems over the last decade were created (by a committee of Ken Eggert, W9MOT, Fred Linn, W9NZF, and Rodger Zaun, W9UVV). The highlight of the new bylaws was they were written in plain English.

Story additions by Dave DeFebo WB9BWP…
1995 - Besides the basic rewrite, the position of board chairman (made up of the immediate past President) was eliminated. The chairman was a non voting position (except in case of a tie).

7/2001 – At a board meeting Dave DeFebo WB9BWP, proposed eliminating the position of 2nd VP. It seems we have a hard enough time getting people to run for office. This is one less position we have to worry about. Surprisingly no one objected. Jim Tromblay WB9LNU suggested we eliminate a director position in order to keep the board at an odd number of members (with changes, 9). The changes were presented to the club in September and approved. Copies were distributed at the following meetings.

4/2004 – Bylaws converted to electronic format (from typewritten). In the process some wording was cleaned up (as is always the case) and the references to MRAC made consistent. New bylaws submitted for membership approval at the April meeting.

8/2008 – Change to eliminate references to club being a Volunteer Examiner Coordinator (VEC) since VEC is now spun off into a separate legal entity (see VEC story). Submitted for membership approval at the August meeting (with an unusual amount of discussion taking place).

1/2011 – Reinstate Student member classification this time with free dues. Change annual meeting for elections to April (so as to miss the May auction meeting crowds of visitors). Change to eliminate specific references to club activities like Field Day and Picnics. The biggest change was to return to the method of electing officers practiced prior to 1951 where only directors are elected and the actual officers come from those elected as director. Submitted for membership approval at the January meeting (with an unusual amount of discussion taking place and actual dissenting votes).

Field Day

(2013)

In 1930 the American Radio Relay League (ARRL) established the annual operating event/contest Field Day. Field Day is a contest/operating event where the idea is to set up equipment outside of a traditional home based station and to make as many contacts with others in the United States and Canada. Besides the contest aspect, the event is supposed to help test our emergency preparedness (being able to set up and operate a station not in the comfortable confines of someone's home). MRAC has participated in every Field Day since the first. In this space we will attempt to gather information on club activity in Field Day over the years. As is often the case in this book, this is a first pass at gathering and listing information on Field Day over the years. As a result there is a lot of information currently lacking. Stay tuned for more info coming in future editions of the club history.

Some Field Day Statistics through the years:

1946 –
Total Contest Score – 2536

1951 – Robert J. Kieckhefer estate, Brookfield
Operators/Visitors – 30
Contacts – 411

1952 – Overlooking the lake, ½ mile north of Milw Cty line, Ozaukee Cty
Operators/Visitors – 60

1956 – Virmond Park
Total Contest Score – 4626

1961 – Lapham Peak, Delafield
Operators– 14
Contacts – 668
Total Contest Score – 6237

1978 – Nike Site, Lannon

1979 – Nike Site, Lannon

1980 – Nike Site, Lannon
Operators/Visitors – 32
Category - 4A
Total Contest Score – ????

1983 – Nike Site, Lannon
Operators/Visitors – 23
Total Contest Score – 3313

1984 – Nike Site, Lannon

1985 – Nike Site, Lannon

1986 – Nike Site, Lannon

1987 – Nike Site, Lannon

1988 – Nike Site, Lannon

1989 – Nike Site, Lannon

1990 – Nike Site, Lannon
Operators/Visitors – 16
Category - 3A
Contacts – 391
Total Contest Score – 1544

1993 – Indian Mounds Boy Scout Camp, Waukesha County

1994 – Pioneer Village, Ozaukee County

1995 – Pioneer Village, Ozaukee County

1996 – Pioneer Village, Ozaukee County
Operators/Visitors – 41
Total Contest Score – 1118

1997 – Pioneer Village, Ozaukee County
Operators/Visitors – 34
Category - 4A Commercial
Contacts – 241
Total Contest Score – 1016

1998 – Pioneer Village, Ozaukee County
Operators/Visitors – 38
Category - 4A Commercial
Contacts – 465
Total Contest Score – 1428

1999 – Pioneer Village, Ozaukee County
Operators/Visitors – 43
Category - 3A Commercial
CW Contacts – 40
Phone Contacts – 522
Total QSO Points – 1204
Total Contest Score – 1404

2000 – Pioneer Village, Ozaukee County
Operators/Visitors – 25
Category - 3A Commercial
Contacts – 463
Total Contest Score – 1506

2001 – Pioneer Village, Ozaukee County
Operators/Visitors – 47
Category - 4A Commercial
Contacts – 565
Including first club Field Day satellite contact!
Total Contest Score – 1972

2002 – Pioneer Village, Ozaukee County
Operators/Visitors – 24
Category - 4A Commercial
Contacts – 384
Total Contest Score – 1462

2003 – Pioneer Village, Ozaukee County
Operators – 18
Category - 5A Commercial
Contacts – 341
Total Contest Score – 1180

2004 – Pioneer Village, Ozaukee County
Operators/Visitors – 36
Category - 5A Commercial
Contacts – 515
Total Contest Score – 1616

2005 – Pioneer Village, Ozaukee County
Operators – 15
Category - 5A Commercial
Contacts – 441
Total Points – 1410

2006 – Pioneer Village, Ozaukee County
Operators/Visitors – 41
Category - 4A Commercial
Contacts – 313
Total Contest Score – 1012

2007 – Pioneer Village, Ozaukee County
Operators – 27
Category - 6A Commercial
Contacts – 341
Total Contest Score – 1888

2008 – Pioneer Village, Ozaukee County
Operators – 26
Category - 6A Commercial
CW Contacts – 162
Digital Contacts – 123
Phone Contacts – 500
Total QSO Points – 1070
Total Contest Score - 3098
ARRL Sections Worked – 72 (missed Maine, Virgin Islands, Nevada, Wyoming, South Dakota, Northwest Territory, Manitoba, Labrador/New Foundland)

2009 – Pioneer Village, Ozaukee County
Operators/Visitors – 12/14
Category - 3A
CW Contacts – 288
Digital Contacts – 133
Phone Contacts – 206
Total QSO Points – 1048
Total Contest Score – 3434

2010 – Pioneer Village, Ozaukee County
Operators – 3
Category - 2A
CW Contacts – 186
Phone Contacts – 120
Total QSO Points – 492
Total Contest Score - 984

2011 – Konkel Park, Milwaukee County
Operated in conjunction with Milwaukee Area Amateur Radio Society (MAARS)
Operators – 14
Category - 2A
Digital Contacts - 1
Phone Contacts – 352
Total Contest Score - 1360

2012 – Konkel Park, Milwaukee County
Operated in conjunction with Milwaukee Area Amateur Radio Society (MAARS)
Loaner radio (Icom IC-9100) provided by Amateur Electronic Supply

Operators/Visitors – 15/27
Category - 2A
CW Contacts - 10
Phone Contacts – 428
Total Contest Score - 1748

The Story of MRAC VEC

(2009)

Dave DeFebo, WB9BWP with Tom Fuszard, KF9PU (with contributions from others as noted)

This article is an attempt to document the history of the MRAC and its involvement with volunteer amateur license testing. I am writing it due to my involvement in the beginnings of the official programs of MRAC first being a VE and then becoming a VEC. Some of the details may be missing at this, the first attempt at documenting the story. As always if you have additional information please let us know. The history of volunteer license testing is also covered to help show our place in that story. I was hoping to have the complete story up to the current time in this version of the history but events transpired to make that difficult. The main event was the action by the acting Treasurer at the time of removing the VEC funds from the club treasury and insisting the VEC handle its own money and accounting. This was in direct violation of the existing club by-laws of the time. The result was a lot of bad feelings, the VEC separating from the club (into a legal entity of its own) and even one of the VEC management resigning his club membership over the handling of the situation.

First a little background on the VEC program,

The following is an email received by Tom Fuszard, KF9PU from Ray Adams, W4CPA, covering a brief history of the actual VEC program.

From: WCARS VEC Inc.
To: Tom Fuszard
Cc: Win Guin W2GLJ
Date: Wednesday, July 26, 2000 8:09 PM
Subject: How the VEC program started

Good meeting you over the weekend, and I hope we benefitted all by the meeting. In any event, it seemed to go smoothly enough, at least no one came to fisticuffs!

Win tells me you want a thumbnail history of the VEC program for inclusion in a newsletter. The below is my off the cuff memory of the way it happened, most of which I am sure will stand the scrutiny of examination by more experienced individuals.

The Communications Act of 1033 was amended in 1983, at the FCC's urging to provide acceptability for the FCC to use "unpaid employees" for the administration of license examinations. There had been an opinion by an FCC attorney that the Novice license testing, as it had been handled for years by volunteer examiners of General of higher class licenses was in fact not legal, as the opinion held that the administration must be by an FCC employee.

The Amateur community breathed a sigh of relief, as it had been rumored that the Novice license test would have to be folded into the FCC's testing program, etc.

DID WE EVER HAVE A SURPRISE COMING!

By the time the ink was dry on the amended federal statute, the FCC announced that 1984 could be the final year in which they would administer ANY license tests for the Amateur

Service, and that hereafter all such tests would be administered by volunteer examiners, already licensed, who would need to be screened and accredited by Volunteer Examiner Coordinators that would need to meet acceptability by the FCC by signing a letter of agreement with them.

The first truly functioning VEC was, I believe, the Dayton Amateur Radio Association, who administered but a single session, at the 1984 Dayton Hamvention. The actual first VEC was here in Knoxville, but, upon finding there really was not any money to be made in the program, never tested a single session.

The American Radio Relay League [ARRL] held back on signing a letter of agreement unless and until there was a provision for the program to finance itself by charging a cost recovery fee from the applicant. In the meantime, Fred Maia W5YI, became the first "national" VEC followed by DeVry Electronics School of greater Chicago. An errata to the Communications Amendment did in fact make such a provision, and the ARRL became the third national VEC on [I believe] September 1, 1984.

Of the 39 VECs originally organized, many found there was more work than glory and soon surrendered their letter. Others, at the urging of the ARRL surrendered their letter and coordinated their testing through the ARRL. I'm sure some to the VECs had help from the FCC itself in surrendering their letters, as there were in fact a few rotten apples, as in any barrel.

Today we have 14 VECs remaining, and at the inception of electronic filing, I don't think there was any screening or qualification procedure used to determine that we were of the character that could be trusted to actually feed processable data in ASCII form into the FCC's computer for automatic issuance or upgrading of Amateur licenses. I don't consider that delegation lightly.

In the twelve years we had been working with them, I firmly believe they had already accepted all remaining VECs at face value. That causes a very relaxed atmosphere to prevail over the entire program today to the point that it has become the federal government's guiding light as to how to privatize a governmental function.

I take some pride in thinking I helped bring that accomplishment to reality.

73
Ray W4CPA

OK, how and where did the MRAC fit in? The club discussed becoming involved with the whole volunteer examining program even before it began. After all we had been conducting license class for a number of years and had been handling Novice testing (as that was a volunteer situation – not FCC conducted) so the VEC/VE thing would be the next step. At first we felt that becoming a full blown VEC would be a lot of work, and elected to work under an existing VEC. We chose DeVry Institute of Technology in Chicago, one of the first VECs to be established.

Sylvester Janczak, WD9JKZ stepped up to help manage the MRAC VE operations. Sylvester was to receive help from Harry Ciezski, KD9AJ and Ed Serruga, KE9JJ. As this was the early ‘80s, that meant Charlie Kaetel, W9SNK would also be involved.

Charlie was extremely active in club business affairs (even holding the self-appointment as Business Manager). Charlie did a lot of work on club business. However, Charlie did have one major flaw, that things had to be done his way, whether anyone else agreed with that or not.

This became a large stumbling point in MRAC operating as a VE under DeVry VEC and during the beginnings of MRAC as a VEC itself. Charlie did not like having to play by rules he did not set up (in this case FCC rules and DeVry rules) and this lead to the breaking point with our association with DeVry (specifically DeVry stating they would not consider room rental as a reimbursable cost) and almost costing us a couple of club members. After Charlie constantly complaining to the board about the "problems" working with DeVry, the board began considering the club's relationship with DeVry. In an effort to make sure the board voted to cease operating with DeVry, Charlie began withholding receipts for testing expenses and then telling the board DeVry was refusing to reimburse us (unfortunately, we did not discover Charlie's manipulating of the situation until sometime later). Based on the apparent un-cooperation between DeVry and the club, the board voted to end the relationship and the club was no longer a VE.

Charlie would also voice his displeasure with having people other than himself handling all the paperwork for the VE and then VEC operation. Charlie was an Advanced class ham. FCC rules specified that only Extra class hams could hold and administer Extra class exams. Again, this did not sit well with Charlie as it was not his rule. In fact at one point Charlie had his lawyer send a letter to the FCC accusing them of discrimination by not allowing an Advanced class ham (like Charlie) to handle Extra class examinations.

In 1983 there was limited discussion at a board meeting about the club becoming a VEC themselves (instead of working through any other VEC). In early 1984 (actually at the April board meeting), there was brief discussion of operating under the ARRL VEC but that was rejected. Charlie Kaetel then applied to the FCC for the club to become a VEC. In the early days of the program, as was mentioned above there was not a lot of FCC scrutiny of VEC applicants, so our application was quickly approved. The board then voted to accept Charlie's actions (at the November 1984 board meeting) and MRAC become a VEC. The board then moved quickly to appoint Jack Krause, W9JK to manage the VEC. Charlie liked Jack and went along with the appointment. Over time Jack needed help and Les Peterson, W9YCV joined in to help. Unfortunately the board never made it official with Les as assistant manager.

In the mid '90s, Jack Krause asked club President Ed Wille, W9PWG to find someone to take over as VEC manager. As was Ed's custom, when someone asked Ed to find someone to help with some task, Ed wouldn't really look for anyone but would take on the job himself. Of course that resulted in Ed taking on a tremendous amount of work as well as the club being vulnerable to having one person doing everything.

That vulnerability came to a head in January 1999 when Ed Wille passed away. We were forced to cancel the January and February test sessions. That concerned me. Fortunately, two members stepped forward to take on important roles in the VEC. John Kraak, KF9XL, who by his own admission was not much of a "computer guy," said he could take care of basic administrative matters such as exam session planning. About the same time Tom Fuszard, KF9PU, approached me and said he'd be happy to take the filing duties. He couldn't commit to assisting on Saturdays, he said, but would have time to do the filing. Putting these two guys together couldn't have been more perfect. Finally, after about 14 years, a VEC committee.

So our VEC was back in business with the March session. John took over as session manager, and Tom--after a little trial and error--filed that first session successfully. He had to teach himself the process because Ed used a different method for filing the applications.

By the mid '90s the FCC started requiring VECs to file electronically. Most groups used e-mail to send their information. Ed struggled with this process a bit. His boat anchor of a computer--it had a B drive on it!--wasn't set up for a regular e-mail program. If memory serves, he used MCI Mail for e-mailing. The process for filing applications was long and laborious, mostly because he had to make sure there were no errors.

Fortunately Ed had saved a floppy he received from another VEC that contained data

entry software. The software was recorded on an A drive floppy, which Tom grabbed during a visit to Ed's house. There were no instructions with the program, but Tom managed to teach himself the process in a relatively short period of time. (A version of that software is still in use today.)

In August 1999 the Universal Licensing System was incorporated into the amateur radio service. Under ULS, VECs had to start collecting Social Security Numbers. To help protect candidates' privacy, the application files (known as "batches") had to be encrypted. The most common form back then was PGP (for Pretty Good Privacy). It was available for free from a number of sources; Tom grabbed his copy off a Web site.

When an application was filed, the licensee would receive a unique identifying number which could be used in place of a Social Security Number for a future applications. (ULS was the forerunner to CORES, which generates the FCC Registration Number.) Years later the FCC revised its Web site to include a secure page for uploading the batch files. VECs no longer have to encrypt the files before sending.

During the year 2001, Mark Tellier, AB9CD started backing up Tom Fuszard with electronic filing when Tom was unavailable. So I officially made Mark a third member of the VEC management team (with John and Tom's permission, of course). Finally I asked John Kraak who would make a good backup to him, meaning the 2 major tasks, exam prep and planning and electronic filing and final paperwork handling would each have 2 people versed in those jobs. John suggested Tom Czaja, KG9EE. I confirmed with Tom that he would like and accept the appointment and then made it official. The VEC management was now at 4 and they could take care of themselves (During my time as President, John would report to the board almost every month on the activities of the VEC).

With a new VEC management team in place, they could once again consider attending the annual NCVEC conference in Gettysburg, Pa. Tom Fuszard started attending in 2000; he was accompanied by John Kraak in 2000 and 2001. In 2003 Tom was elected chairman of NCVEC, a position he held for five years. During his term Tom asked VEs to accompany him as official representative of MRAC VEC. Yours truly (WB9BWP) fulfilled the role for the 2005 conference; Ken Hahn, WK9H, did the honors in 2007. Tom is also a member of the Question Pool Committee, and he has invited Mark Tellier to join him for the 2009 conference as official representative of the VEC.

In 2006, John Kraak, KF9XL decided to step down as VEC manager. In one of my few successes as President during the time 1998-2002, having an official committee with recognized committee managers meant a change in VEC management did not disrupt normal VEC operations. In fact, most people did not even realize anything had happened. That was a big change from past operations when the coordinator/manager of some activity would leave and the operation would be in chaos. Larry Noldan, NZ9I was asked and accepted the offer to become the new 4th member of the VEC management team in 2008.

In March 2007 the VEC was incorporated as a separate entity. Known officially as MRAC VEC, Inc., the group continues to serve the needs of the amateur radio community throughout southeast Wisconsin. The VEC continues to hold 10 test sessions in the greater Milwaukee area, and many of its managers and VEs remain members of Milwaukee Radio Amateurs'' Club, Inc. In fact, little has changed, save for the incorporation.

MRAC VEC continues the tradition started by Charlie Katel and Jack Krause in 1985. Its managers are proud to represent one of 14 VECs in the United States today, and look forward to serving the amateur radio community for many years to come.

FM Simplex Contest

(2013)

In 2003 MRAC decided to create and sponsor a "sprint" style contest to generate FM simplex operation on the "normal" VHF and UHF bands (6M, 2M, 1-1/4M, 70CM). Sprint means the contest runs for only a short period of time. The contest was the idea of Sherm Swanson KB9Q who was the contest administrator for the first couple of years (see the officer lists for contest coordinators over the years). The idea was to generate interest and ability of operating simplex on the VHF bands. Many new Technician licenses buy an FM radio and jump on repeaters and never really experiment with what is all out there in amateur radio.

A number of award categories were created including mobile, HT (hand held), and club (individuals could designate their scores as also counting to a club total). A wooden plaque with engraved plates bearing the name of the club category winner for each year is kept on display at Amateur Electronic Supply.

A Sunday afternoon in February was chosen as the contest date. In following the sprint style of contesting, each band is used for 30 minutes (1 hour for 2M starting about 2007), so the entire contest lasts for only a couple of hours. That should work for non-contesters as well as seasoned contesters. Looking through the category winners over the years bears this out. Also, the exact rules have been tweaked over the years to reflect participant suggestions.

Interestingly, the club sponsored a VHF sprint style contest taking place on a Sunday in February in 1950! For that contest, only club members were eligible for an award and the contest was on a Sunday evening.

Just for information, starting in 2010, Dave Schank KA9WXN, who came in first place for 2008 and 2009 began operating a station for the club as W9RH which offered bonus points for contacting and was not a station to be included in the club score, leaving it up to the rest of the membership to pick up the slack. For the 2012 contest anyone contacting W9RH also received a 95th anniversary special event certificate.

Over the years of the contest, other areas of the country have adopted the contest for their area. So far, the east coast seems particularly interested.

Following is a list of all category winners over the years.

2003

1st Place Overall – Tom Schulte AB9EK
2nd Place Overall – Patrick Moretti W9UQ
HT 1st Place – Gary N9MGJ
2M 1st Place – Jeff Annis K9VS
70cm 1st Place – Warren Schall K9IZV
6m 1st Place – Patrick Moretti W9UQ
1.25M 1st Place – Tom Schulte AB9EK
Club 1st Place – MRAC
SWL 1st Place – Mark Jahnke N9LBN
Special Award – Mobile Operation - KB9WMJ

2004

1st Place Overall – Gary Barqholz N9UUR
2nd Place Overall – Jack Huebschen N9XRO
HT 1st Place – Gary Grant N9MGJ
2M 1st Place – Jeff Annis K9VS tie
2M 1st Place – Gary Barqholz N9UUR tie
70cm 1st Place – Joe Schwarz N9UX
6m 1st Place – Joe Schwarz N9UX
1.25M 1st Place – Mark Tellier AB9CD tie
1.25M 1st Place – Gary Barqholz N9UUR tie
1.25M 1st Place – Jack Huebschen N9XRO
Club 1st Place – MRAC
Club 2nd Place – Badger Contesters

2005

1st Place Overall – Joe Schwarz N9UX
2nd Place Overall – Ken Boston W9GA
HT 1st Place – Joe Schwarz N9UX
HT 2nd Place – Milan Levrich N9IDX
2M 1st Place – Joe Schwarz N9UX tie
2M 1st Place – Ken Boston W9GA tie
70cm 1st Place – Joe Schwarz N9UX
6m 1st Place – Jack Huebschen N9XRO tie
6m 1st Place – Don Farrell KC9AYO tie
1.25M 1st Place – Ken Boston W9GA
1.25M 2nd Place – John Wilke K9RZZ
Club 1st Place – Badger Contesters
SWL 1st Place – David Hoffmann KC9GPJ

2006

Base 1st Place – Ken Boston W9GA
Mobile 1st Place – Warren Schall K9IZV
HT 1st Place – Charles Grady KC9IIV
2M 1st Place – Jeff Annis K9VS
70cm 1st Place – Larry Noldan NZ9I (KC9IJA)
6m 1st Place – Jack Huebschen N9XRO
1.25M 1st Place – Warren Schall K9IZV
Club 1st Place – Badger Contesters

2007

Base 1st Place – Ken Boston W9GA
Mobile 1st Place – Larry Noldan NZ9I (KC9IJA)
HT 1st Place – Kayla Waltemath KC9KPW
2M 1st Place – John Wilke K9RZZ tie
2M 1st Place – Jeff Annis K9VS tie
2M 1st Place – Larry Noldan NZ9I (KC9IJA) tie
70cm 1st Place – Ken Boston W9GA
6m 1st Place – Ken Boston W9GA
1.25M 1st Place – Ken Boston W9GA
Club 1st Place – MRAC

2008

Base 1st Place – Dave Schank KA9WXN
Mobile 1st Place – Mike Metroka WB8BZK
HT 1st Place – John Kalenowsky K9JK
HT 2nd Place – Gary Grant N9MGJ
2M 1st Place – Mike Metroka WB8BZK
2M 2nd Place – Joel Kluender W9JFK
70cm 1st Place – Mike Metroka WB8BZK
70cm 2nd Place – Dave Schank KA9WXN
6m 1st Place – Mike Metroka WB8BZK tie
6m 1st Place – John Kalenowsky K9JK tie
6m 2nd Place – Joel Kluender W9JFK
1.25M 1st Place – John Kalenowsky K9JK
1.25M 2nd Place – Mike Metroka WB8BZK
Special Award – Gordon Phoon KC2SRY (1st place 2nd call area)
Club 1st Place – Badger Contesters

2009

Base 1st Place – Dave Schank KA9WXN
Mobile 1st Place – Mike Metroka WB8BZK
Mobile 2nd Place – Jerry Reidel KA9AJF
HT 1st Place – KX9M
2M 1st Place – Dave Schank KA9WXN
70cm 1st Place – Dave Schank KA9WXN
6m 1st Place – Dave Schank KA9WXN
1.25M 1st Place – Mike Metroka WB8BZK
Special Award – Gordon Phoon KC2SRY (1st place 2nd call area)
Special Award – Maycee Campano N2KDK (1st Place HT 2nd call area)
Club 1st Place – Badger Contesters

Club Entries:
Badger Contesters – 8993.5
Milwaukee Radio Amateurs' Club – 7768.5
Milwaukee Repeater Club – 1653
Black Diamond Radio Group – 1318
New Providence ARC (NY) – 153
LOA Radio Club - 48

You may notice in the results for 2009 and 2010 there were certificates issued to New York area hams. The following email was received by the club in January 2010.

From: Barry G. Cohen
Sent: Tuesday, January 19, 2010 10:20 AM
To: w9rh@arrl.net
Cc: Paul F. Campano; Frank McAneny; Dave Barr; Bill Hudzik; Al Hanzl; Jim Stekas
Subject: FM Sprint Contest

To all MRAC Members

If "Imitation is the Sincerest Form of Flattery," then please accept this e-mail as a sincere commendation.

A couple of "Kid Members" of the New Providence (NJ) ARC (NPARC) have participated in your FM Sprint Contest during the last two years, and you have been so gracious as to issue them Certificates (first place in W2) for their activity. This year I have decided (imitation) to run a contest of our own modeled after yours. That way they will submit their logs to us and we will issue every entry a suitably inscribed certificate (more imitation). Indeed, I have also decided that plagiarism is a sincere form of flattery, but I do ask for your permission to circulate here in New York/New Jersey a slightly modified version of your Contest Rules.

We intend to hold our contest in tandem with yours, same time (GMT) same frequencies, essentially same rules. If conditions are good on 6 meters during that period we might even be able to contact W9RH and you might be able to hear N2XJ our Club Station. But even if that doesn't happen you can be assured that the seed you have planted, in order to make it easy for kids and new hams to get on the air, has taken root here on the east coast and will doubtless spread.

I'll appreciate an answer regarding the Contest Rules, and if anyone is interested I will be happy to send you copies of our Flyer and other materials including the certificate which has been commissioned from a professional graphic artist (club member).

73 es CUL de Barry K2JV

Dr. Barry G. Cohen
Berkeley Heights, NJ 07922

(email addresses, addresses and telephone numbers removed)

2010

Base 1st Place – Jeff Annis K9VS
Mobile 1st Place – Mike Metroka WB8BZK
HT 1st Place – John Kalenowsky K9JK
2M 1st Place – Larry Noldan NZ9I
70cm 1st Place – Mike Metroka WB8BZK
6m 1st Place – Mike Metroka WB8BZK
John Kalenowsky K9JK (Tie)
1.25M 1st Place – Mike Metroka WB8BZK
John Kalenowsky K9JK (Tie)
Club 1st Place – Badger Contesters

2011

Base 1st Place – Ken Boston W9GA
Mobile 1st Place – Mike Metroka WB8BZK
HT 1st Place – John Kalenowsky K9JK
2M 1st Place – John Kalenowsky K9JK
70cm 1st Place – John Kalenowsky K9JK
6m 1st Place – Mike Metroka WB8BZK
1.25M 1st Place – Mike Metroka WB8BZK
Club 1st Place – Badger Contesters

2012

Base 1st Place – Ken Boston W9GA
Mobile 1st Place – Warren Schall K9IZV
HT 1st Place – Bill Pulvermacher KX9M
2M 1st Place – Warren Schall K9IZV
70cm 1st Place – Warren Schall K9IZV and Ken Boston W9GA (tie)
6m 1st Place – Bill Pulvermacher KX9M
1.25M 1st Place – Ken Boston W9GA
Club 1st Place – MRAC

The W9RH Repeater

Dave DeFebo WB9BWP
(approved by Dave Karr KA9FUR)
(2013)

This is a long article covering the complete history of the MRAC repeater. Many of these details have only been known to a select few parties. Usually that was due to some sensitive negotiations and arrangements with the people supplying the sites or even some of the equipment. Now is a good time for people to know the real story to clear up some of the misconceptions about all that has gone into the repeater construction. The story is long because it covers over 12 years and a number of people and a bunch of equipment. Other than Jim Tromblay WB9LNU, I am the only other person who has been at least somewhat involved with this project since the beginning, so before the facts slip away…

Starting around 1991, the board of directors started talking about constructing a repeater. After all, for a club with the heritage we had, we should have been one of the first in the area to have a repeater, but alas, we were asleep at the time. At first the discussion was on getting a 220 MHz repeater as Novice licenses had access to 220 and not 2M and officially there were no 2M frequencies available. There was not a lot of equipment available for 220 but we were looking into that possibility. Ed Wille W9PWG, the club President at the time even bought a 220 MHz hand held for himself to experiment with the band.

In 1992 Ed Willie found a ham in Germantown with a repeater for sale. Ed used $750 of his own money to buy the system (and then some). The money got a late sixties vintage Motorola commercial repeater consisting of a receiver, transmitter, power amplifier, 4 Tx/Rx cavities, an ACC RC-85 repeater controller (vintage early 80's), Motorola rack cabinet, Hustler antenna as well as some non-functioning GE repeater parts and a smaller GE rack cabinet (the GE stuff was "free" but had to be taken with the Motorola repeater otherwise no deal). To everyone's confusion the sale also included the frequency of 147.045, which is the frequency the repeater was operating on at the time (from the ham's house in Germantown). I say confusion as repeater frequencies as coordinated by the Wisconsin Association Of Repeaters are not transferable. In fact, if an existing repeater relocates more than a certain distance it is subject to frequency change/re-coordination. No one seemed to be paying attention and by the time someone said something it was agreed to let us go ahead as our signal was so weak we would pose no threat to any existing repeater.

The reason we did not have much of a signal was that Ed brought all the stuff home and with the help of Jim Tromblay WB9LNU installed the repeater in his (Ed's) garage and the antenna on his 50 foot tower. This was in the area of 79th and Lisbon Ave. Ed told the club what he did (he was President at the time) and asked if it was OK. That may sound kind of foolish and irresponsible but the deal had a time limit and had to be done when it was. There was no time to contact the membership or the board in advance. There was certainly no time to have numerous discussions about the plan. Everyone said "Good job Ed" and then pretty much left things up to Ed to run.

Of course Ed put his own money into the repeater so the club had to pay him back. While we did have money in the treasury, it was decided to try some sort of fundraiser to see how much we could get. Orv Stewart, KA9ONQ, came up with the idea of a personalized coffee mug. He knew a place that could screen on your name and call so we could take orders for and sell personalized mugs. Of course as is custom with the club when we try to have ID things made, the mugs are screened on the wrong side if you are holding the mug in your right hand

(the lettering is then facing you). We recommended a $25 minimum donation and received a number of $25, a few $50 and even a couple of $100 donations. We were able to pay back Ed Wille no problem. We had a working repeater.

The phrase working was relative. Over the next few years there was a lot of tinkering, a lot of money spent and while we did make progress it was very slight. More details later in the story.

OK, now we had a repeater, so what? In order to generate some activity, it was decided to add a 2 meter FM net to compliment the existing 10 meter net (which had been in operation since 1988). Since Ed Willie W9PWG had the idea and was going to be net control, the 2 meter net was scheduled to immediately follow the 10 meter net. At the time the 10 meter net was at 8:45 PM on Friday nights. Ed decided the 2 meter net would start at 9:15 PM or later depending on the activity on the 10 meter net. Of course many people were confused about a 9:15 start time so sometimes the net started early with someone else being net control or people would look for the net at 9:00, hear nothing and then go about their business and miss the net completely. Eventually, the 10 meter net was moved to 8:30 PM and the 2 meter net moved to 9:00 PM. Ed was very good at twisting arms. He would often call and prod people he knew well to get on the net. At other times the repeater saw very little use. Maybe it was just the club membership, but the fact that unless you lived within a couple of miles of the repeater you needed a good antenna and a fair amount of power to access it so it sort of made the point of a repeater kind of needless. In fact, when I would check into the Friday night nets I could usually hear almost everyone direct on the input frequency since they had to use good antennas and power. Ed was the only person who could really get in with a hand held, but that was because he was about 50 feet away from the tower.

To try to further boost repeater activity it was decided to have a contest with certificates awarded to the people who made the most contacts with other hams and club members on the repeater. The certificate would be awarded first to a person who contacted 5 other members on the repeater, not during the Friday night net. There would be endorsements for additional club members worked (in increments of 5). Only one certificate was ever issued, that one went to Byron Bye N9RTL. There were never any endorsements ever issued.

There were some technical issues with the repeater also. It was installed in Ed's detached garage. That meant in winter the cabinet was very cold and in summer it was very hot. Electronics do not generally like very hot. To compound things Ed's garage was very packed with stuff for Ed's business (it was a 2 car garage with room for barely 1 car). As a result the cavities (large tuned filters to allow 1 antenna to be used with a receiver and transmitter operating simultaneously) had to be placed horizontally on top of the repeater cabinet. Cavities for 2 meters are 6 inch diameter cylinders about 3 feet tall. Inside the cylinder are a number of sensitive mechanical parts. Mounted horizontally, the workings of a cavity can droop causing the adjustments to be incorrect. Couple this with the temperature extremes which also affect the metal parts (expanding and contracting) and we had a devil of a time keeping the cavities in tune. That plus Ed liked to tweak to try to make things better. As a result he eventually needed to send some of the cavities in to the manufacturer for factory adjustment.

All the problems with the cavities also lead to problems with the repeater transmitter desensing the receiver. Since the transmitter and receiver operate simultaneously, that was definitely a problem. In an effort to solve the problem we ended up buying another cavity (placing 3 on the receiver and 2 on the transmitter. Unfortunately after spending an additional $300 that did not seem to help.

Along the way the few tubes used in the transmitter and amplifier started showing their age and required replacement (even more money). So far this repeater thing is costing a lot of money and time, but it is something we need to have to prove we are not just a bunch of old

guys (wait, we are!). By this time Ed was spending a good deal of time in his garage tweaking the repeater and then calling in Jim Tromblay WB9LNU (who worked with Ed) to help out (or maybe re-tweak after Ed was done).

We decided we should upgrade the repeater hardware. One way to do it was a piece at a time. First to go was the Motorola tube amplifier. So we purchase a Mirage 100 watt "repeater" amplifier. Repeater is in quotes because what Mirage did was take their normal 100 watt amp, remove the receive preamp and add a bigger heatsink. It sounds like we were not overly pleased. Well as with our other attempts it took a couple of years to figure out that we should not have spent the money. First, in order to use the amp we needed a power supply. Only the controller was 12V and that was powered by a small open frame power supply. We purchased a 50 amp Astron rack mount power supply to run the amp and the controller.

Ed was getting tired of all the tweaking (and Jim all the re-tweaking) and the board started discussing updating the equipment. It was decided to buy some brand spanking new repeater hardware and $2600 was spent on an ICOM repeater. That should solve the desense problem and maybe even improve performance. Well…not quite. We were all fairly new at this repeater stuff so we trusted equipment to be designed and built as we needed. Looking back on things and knowing what we know now, the ICOM purchase was not a good one. In some instances it actually performed worse than the 25 year old Motorola equipment. It turns out ICOM repeaters as sold in the ham markets at that time were not considered very good. But that could be another story. As a footnote to the ICOM purchase, the transmitter was rated at 25 watts, but the Mirage amp wanted an input of not more than 10 watts. Ed didn't know, realize, discover, whatever that the ICOM had an adjustable power output. It could have been turned down to 10 watts and the amp used, but he never did that and the amp sat in the rack collecting dust. The 50 amp power supply was now used to power the controller only (with about a 1 amp max drain).

OK, we have a new repeater receiver/transmitter but coverage is still not that great. Let's try a new antenna. Up to this point we were using the Hustler that came with the original repeater purchase. $270 was spent on a Diamond dual band antenna (dual band being 2 meters and 70 cm). It was thought having 70 cm available would make a remote receiver possible. Again it turns out we were not totally correct. I have since had some experience with a couple of other repeater systems which used dual band ham antennas and in all cases their performance was not as good as with a single band commercial quality antenna. Oh well, we'll get this right yet.

Over the years there was discussions about getting a real site for the repeater. We didn't want to end up spending a lot of money on rent so were looking into free sites. Unfortunately we were never able to come up with anything.

In 1999 Ed Wille passed away. The repeater was still located in his garage and the antenna on his tower. While his daughter would be living at the house it was a good idea to go ahead and find a new home for the machine (and hopefully one with better coverage). A lot of talking and dreaming took place but no progress was made. Matt Planning KB9PRC was a relatively new ham (having been in the last Technician class in 1996) and a new officer in the club (Vice President). He also recently started a new job at Eaton Corp R&D on the north side of Milwaukee. I also worked at Eaton along with a number of other hams. One day Matt asked me what I thought the chances were of moving the repeater to the Eaton building. I said it couldn't hurt to ask. We recently got a new manager (Yolanda Holton) who was very receptive to amateur radio. In fact she was based in the Eaton R&D facility in Southfield Michigan which had an amateur radio club (W8ETN) with a dedicated office and their own equipment. With her blessing we talked to the building manager, a non-ham named Bob Chappie, and asked him if we could have some roof space. It turns out one of his reports was a ham. Nick Broncotti

KA9LUW, (later K9TNN) was the building electrician. He had been dropping hints to his boss (Mr. Chappie) about wanting some roof space too. After some discussion, Mr. Chappie asked what all this would cost him. We said there would be no cost to him. He said we were free to do whatever we wanted. He even said he would throw in a few hours of Nick's time to work on the install (Eaton required all employees to account for every minute of their workday). We all shook hands and proceeded to make plans and arraignments to get the repeater installed on top of the Eaton Corp. building at 4201 N. 27 St. The building is a 7 story office building with a 2 story elevator penthouse. The repeater would be located in the penthouse and we would try using 2 antennas, with the transmit antenna on the main roof (7 stories up) and the receive antenna on top of the elevator penthouse (slightly more than 9 stories up). Since our boss was pro ham radio and also wanted to foster a positive work environment (a relatively new concept at the company at the time), she volunteered to cover our time working on the machine as well as pay for the necessary feedlines (about $1500 in hardline). In fact, plans were underway to form an Eaton ham club and we did get a license (W9ETN), but business conditions forced the elimination of a number of us from the company and that idea died away (that's another story not related to MRAC).

Jim Tromblay, WB9LNU, and John Merkl, WB9PSE, removed the repeater and antennas from Ed Wille's garage and tower and Jim loaded up a trailer and delivered the equipment to us at Eaton. We temporarily set up the machine in a 4th floor laboratory (including the antenna) and proceeded to learn the equipment especially the system controller. While the antenna was indoors, it was slightly higher than it was at Ed's house and the coverage was about the same (poor). So far Matt and I were doing the playing. We got Nick involved (being the building electrician he had easy access to the entire building) to scout out antenna locations and mounting possibilities. Nick enlisted the Eaton model shop to fabricate brackets for antenna mounting and we then made plans for a November antenna and repeater install.

Finally on Saturday, November 18, 2000 we moved the repeater hardware up to the elevator penthouse and installed the Hustler antenna (the original repeater antenna) as the transmit antenna on the main roof and the Diamond antenna on the elevator penthouse roof for a receive antenna. Getting all this equipment up there was not as easy as you may think. The building has two elevator penthouses, one for the freight elevator (which does go to the roof) and one for the passenger elevators (which go to the 7th floor, not the roof). The passenger elevator penthouse where the repeater hardware is going is a 2 story structure upon the roof. That means the rack and all RF equipment must be carried up a tall flight of concrete stairs and then up another flight of fairly steep and narrow metal grate stairs to get to it's resting location. That meant all equipment had to be disconnected from each other and removed from the rack to be carried up. To get the receive antenna mounted on the roof of that penthouse meant climbing up a steel ladder mounted flush against one wall and crawling through a roof hatch. Do that with tools and a 17 foot antenna! That work was accomplished by Matt Planning KB9PRC and myself along with the assistance of 3 non-club members, Nick KA9LUW, Jim Hansen, W9AQN, and Mark Tellier who was not yet licensed (working on the repeater gave him the push he needed after wanting to become one of us since he was a teenager) but is now AB9CD. We were all Eaton employees and could get in the building at any time. That was why no other club members were involved. Actually a few more Eaton hams helped haul stuff up to the penthouse during the week previous so we could save time on Saturday. They were Keith Shilavy, KY9P, Joe Zuercher, KF9CB, Jean-Matthieu Stricker F5RCT (yes, in from France).

Eaton also provided the telephone line for repeater control. Actually the phone up in the elevator penthouse happened to be an old fashioned analog phone which was a direct line. It was not a digital phone going through the building PBX. So with the addition of an extra jack and some wire we had a control phone (the elevator penthouse phone saw use about once or

twice a year so we could easily share it without conflict) without anyone else knowing what we had done.

Anyway we now had a reasonable repeater installation. We actually had coverage beyond the city of Milwaukee and you didn't need a beam to get in. Dick McNew, WB9PTC brought his on-air code practice to the repeater after a number of years on simplex. That's how much better the system coverage was than before. We were on the Eaton building from Fall 2000 until Spring 2003. During that time we did try various experiments with antenna and equipment configurations (1 antenna, 2 antennas, different numbers of cavities, bandpass filter and more) to improve the system performance. What we finally discovered was a major flaw in the ICOM repeater. Due to something inherent in the design of the unit, if the input signal was not very strong, the repeater transmitter would overload the repeater receiver. This would happen within the repeater box itself, so no amount of external filtering could fix it. This did limit our coverage somewhat (but we were still ahead of what we had at Ed's house). We even tried to do some mods to the repeater box to see if we could at least minimize the problem, but after a number of tries, it appeared it would require too much work (almost a complete redesign of the ICOM packaging). This got us to thinking about maybe some new hardware - yet again.

During some of our experiments we began to question the effectiveness of the Diamond antenna. It was showing some signs of wear and may have taken a couple of lightning hits both at Ed's house and at Eaton. We mentioned our concerns and soon Jerry Wahlen, WA9CGE, produced a copper pipe J-Pole antenna which we put into service as a receive antenna (with Matt Planning single handedly removing the Diamond and mounting the J-Pole after a full day of normal work). Now before you laugh at a repeater using a J-Pole, let me say that while it may not have been the best repeater antenna, it was performing at least as good as the Diamond and maybe even a bit better.

Speaking of lightening, one day I received a telephone call from one of the other hams that worked in the building (Eaton) asking if the repeater was OK. He said he tried to bring it up on the way into work and couldn't. I grabbed my HT that I had with me and brought it up with no problem. We didn't have any wattmeter handy so I took a walk out of the building and through the parking lot west of the building. By the time I was about 100 feet away from the building, and with the repeater antenna in plain sight (still the Diamond at this time) I could no longer hear the repeater. This was not good. Matt, Mark and I made plans to go up to the penthouse the next day and check things out (and bring along some test equipment). The next day we went up there and hooked up a wattmeter and found the repeater putting out much less than 1 watt (the meter was not that good to give an exact number). Pull the ICOM out of the rack cabinet and haul it down to one of our labs where we could be more comfortable checking things out. We opened up the box and began to look around. One of the lab techs (not a ham) came by and asked what we were doing. We explained the situation to him and he peeked inside the box and pointed to a corner of the transmitter circuit board and asked, "Is that black spot and broken cap the problem?" It appeared we took a lightening hit from a storm that happened 3 days earlier. The hit blew a ceramic capacitor and a ¼ inch section of circuit board trace which led to the transmitter antenna output connector. We replaced the cap, added a wire to the board, gave the area a close inspection, applied power and made some measurements and everything seemed OK. Boy were we (the club) lucky!

On a Sunday in late 2001 during one of our experiments to improve the repeater operation (trying running the ICOM at low power and using the Mirage amp to bring the power output up), it was discovered that when the transmitter would key up it would generate a spur (actually the Mirage amplifier would generate the spur) that would start low in the band and move up the band. As it moved up the band it happened to frequently hit the frequency of 146.31 MHz. That is the input frequency for a very busy wide coverage repeater in town. This

was when we made contact with Dave Karr, KA9FUR. Dave was the frequency coordinator for the Wisconsin Association of Repeaters (WAR) as well as all around repeater technical guy. Dave drove around town with test equipment looking for the offending signal screwing up the 91 repeater and he found it at the Eaton building. Having found the problem, Dave returned home (to Waukesha) and ended up calling Mark Tellier. All this happened on a Sunday and by now it was around 6 pm. Mark said he would be happy to go to the repeater to get things fixed but Dave lives quite a distance away. Dave said we needed this thing fixed now so he would drive back in (having already been there an hour or so ago). Mark lives in Brown Deer and was only about 15 minutes away from the repeater but for Dave it was around 45 minutes. Anyway, Dave brought his test equipment and knowledge and he and Mark were at the repeater on Eaton's roof until 11 pm. Now the spur was gone (and the Mirage amp turned off) and we even got some free tweaking from Dave (who could just have told us to fix things or turn it all off). It turns out after talking to Jim Tromblay, we had some problems with the amp before. It seems the fancy repeater amplifier did not like the load presented to it by the necessary for repeater operation cavities (so much for it being a "repeater" amplifier) that caused the amplifier to go into oscillation. Oh well, we'll do without the amp.

While we did get the immediate problems fixed, this occasion was really the key to making contact with Dave Karr (who was not a club member and did not have to do anything for us but I did know him professionally from some past lives of both of us, plus he is an MSOE alumni as Mark Tellier AB9CD and myself are also) which would set the stage for all future upgrades and getting us a well functioning good coverage repeater. How did that happen? Well we somehow convinced Dave we really didn't know anything about all this repeater stuff (that was not too hard) and we were all really good guys in need of help (the in need of help part wasn't too hard either) so for some reason he decided to help us out. First, we asked him his opinion of our hardware. He told us what we already knew about the ICOM and recommended we replace it. But first, he recommended a new commercial antenna. When asked about the details, he said he often bought stuff from a particular supplier and he would order us one if we wanted. The board decided yes and we told him to go ahead and get us one. What he purchased was a Decibel Products 6 db gain antenna that was about 22 feet tall, weighed 32 pounds and cost about $550. On April 21, 2002 in about 40-degree weather and freezing rain and 20+ mph wind we of course put up the new antenna. It's not the easiest thing to lift and keep vertical a 22-foot long pole that weighs 32 pounds especially in cold rain and wind but we somehow managed to do it. We now had a good antenna but we were not done yet.

The ICOM repeater was still a sore point with us and Dave. When asked his opinion of what to buy he recommended his current favorite, GE Mastr II repeaters. He said he would keep an eye out for one during an upcoming Dayton Hamvention trip. Well in May of 2002 at the Dayton hamfest, Dave was successful in finding a GE repeater he was happy with and purchased it for the club. That cost was about $500. Not bad for a real commercial repeater (not a converted mobile radio). It was now May and Dave had not billed the club for the antenna he purchased previously that we installed in April and he just spent another $500 for the club. Well he did eventually bill the club for the antenna and repeater but we essentially received a 6 plus month loan for no interest from him. Thanks Dave.

Toward the end of June the new repeater was installed but that was not all that happened. At the time of the new hardware install we also changed frequency. This was not significant just for changing our repeater frequency but for some additional good relationships we would build. It seems that the MATC repeater which was on 145.39 MHz was going to move to the new digital TV tower built for Channel 10/36. It would be higher than it's present location on the channel 18/10/36 tower (a few hundred feet to the north of the new tower). That would give the repeater a larger coverage footprint than it had and would place it in potential

interference with a repeater in Illinois. At a MRAC board meeting early in 2002 Dave Karr asked if we would be willing to swap frequencies with MATC since 147.045 had a larger clearance zone into Illinois than 145.39. Just off the top of my head (I was President at the time) I said sure that would be no problem and what could we get in return. That surprised Dave and we just passed it off as a joke and proceeded to go along with the frequency change. With the installation and tune up of the new repeater hardware the frequency change would take place (and we would have to change the club banner and numerous printed material with the club logo on it – never, repeat, never design a logo with too much detail…).

Well the new repeater was installed and the ICOM repeater, Mirage amp, and Astron power supply were removed from the cabinet. I donated a small open frame power supply to again power the controller. With the new antenna and new repeater which did not suffer from internal overload we suddenly increased our coverage area. Something else happened with the new hardware and the adjustments by Dave Karr, we no longer had to play with the system, either to fix some problem or to improve operation. Wow! By the way the ICOM was listed on eBay by Mark Tellier and the club was able to recoup $750 of our investment in it. It was sold to a ham in the southeast US – Dave Karr insisted it be sold to someone outside Wisconsin! The other items (antennas, power supply, amplifier) all were auctioned off at the annual MRAC auction.

By this time only Matt Planning from the installation and maintenance crew was still employed by Eaton. The company was floating ideas about selling the building. We then decided we should start looking for a new home on our own schedule, before the building was sold and we would have to move things out with very short notice (during this time the 30th Street facility belonging to one of Eaton's divisions was sold, actually the entire division was sold – the interesting thing about that was the 30th St facility actually provided the heat for the 27th St building, but that's another story not radio related).

As before we were not really getting anywhere looking for a new home when Dave Karr called again. Since we seemed to be good guys and we did help him out with the frequency issue with no problems (as opposed to some other groups who have been approached over the years about changing frequencies), would we be interested in a new location which would be much better than our current location. Not wanting to sound totally stupid we said sure. We did not know details yet but were told to stand by. By the end of 2002 some details were starting to come out. There would be a group repeater/remote receiver site. It would involve 2 antennas for VHF and 2 for UHF. On VHF would be our repeater and a Navy MARS repeater and some remote receivers for other repeaters. On UHF would be additional area repeaters and remote receivers. As part of the deal we would provide our antenna as one of the VHF antennas. In return we would have a receive antenna at the 730 foot mark and a transmit antenna at 630 feet. The antennas are fed with 2-1/4 inch hardline. All equipment is housed in a concrete block room with it's only entrance through a door from the outside. The location is the Channel 10/36/18 transmitter building. The tower is the Channel 18/10/36 analog TV tower. The receive antenna is slightly above the half way point of the tower. The top of the tower has the Channel 18 antenna and just below is a mounting arm with the channel 10 and 36 antennas. For the location we have to thank David Felland, WB0AFB, former Director of Engineering for WMVS/WMVT TV, Dave Karr, KA9FUR, Wisconsin Association of Repeaters Frequency Coordinator, Dave Schank, KA9WXN, engineer WMVS/WMVT TV (and MRAC member and current President). All antenna work was performed by Skywave Tower Service. For those who do not know, the location is Humboldt Ave just north of Capitol Drive bordering the Milwaukee River (really, the river is about 100 feet from the repeater room door and one of the tower guys actually goes over the river).

As of this writing we are approaching the 10 year mark of operation from this new site. In October of 2005 the controller was replaced with a state-of-the-art unit which allows programming by computer as well as digital voice playback (not recording as some mistakenly announce) for realistic and customizable messages. We are a long way from exercising the capabilities of this controller. The controller was produced by a company named S-Com based in Colorado. It turns out that the owner of S-Com, Bob Schmid, WA9FBO attended Milwaukee School Of Engineering from 1969-1973. During that time he was also an MRAC member! Also late 2005 saw the installation of a bank of 1200 AHr batteries so the entire site now has emergency power. That was thanks to Dave Karr (and no cost to us!). With all the new hardware there has only been two "service" calls necessary at the site. If we do need access, Dave Karr or Dave Schank need to be there, so extra thanks to them (and they also make sure things work well so they don't have to go there). Our coverage now extends from Sheboygan to the Illinois state line and west throughout Washington and Waukesha counties and southwest to just outside Delavan in Walworth county. All locations are for mobile radio coverage. Base stations can do better. When the band is open it is not unusual to have stations from north of Green Bay to access the repeater. We have even had people from Iowa use the machine. There are some holes in Waukesha County that only a second receiver could fix (hint). The repeater has also seen use as a secondary frequency for some city of Milwaukee public service events including two Miller Lite Rides for the Arts events as well as others. I can even hear it on an HT from my house in Muskego. Quite a change from when it was at Ed Wille's house when I had to use an outside antenna just to hear it and had to run at least 25 watts just to get in. We made a lot of mis-steps (mistakes?) and spent way more money than we needed to, and we certainly undertook the project about 20 years too late, but we got there. Thanks to all the people who helped us get there, many of them not even club members who could have told us to get lost. Be sure to thank them when you can and be sure to use the repeater, it took a lot of work to make it work.

What's new? Not much. Everything is working well. There was a small problem with an adjustment control in the summer of 2007 which resulted is some stations not being able to satisfy the PL needs of the machine – thus they could not reliably access the repeater. Within a few days, that was fixed. A new version of controller audio board software was loaded and the memory for the controller was upgraded in the fall of 2007. It helps that the developer of the audio board is the same person who put the system together (Mr. Dave Karr KA9FUR). Performance continues to be great. Now if only we had a secondary receive site in Waukesha county to cover some of the holes in coverage we have there…

During 2008 a DSL internet connection was added to the equipment room. Stay tuned to the repeater for some interesting new items hopefully sometime soon (could have been done earlier if the technical committee wasn't busy taking care of club business by being officers).

For the years since 2007-2008 there is nothing really to report. Everything is working, nothing has broken. There are a few items which we would like to implement, but due to other demands and the limited availability of the technical people, those items have not happened. While some of those ideas would be neat, everything currently works, so why mess it up. We are always open to suggestions.

MRAC / MAARS Interclub Hamfest

Dave DeFebo
(2013)

In 2010 Michael Harris KC9CMT the club Secretary (and newsletter editor, meeting room key holder, refreshment chairman, etc) suggested we do a hamfest to get club members to work together on a project. Saturday February 19, 2011 became the date for the first MRAC / MAARS Interclub Hamfest. Basically our advertising didn't start until the West Allis Hamfest on Jan 8, 2011. Flyers were handed to every seller at that hamfest. That means we did advertising for about 6 weeks. With that short period of time we still sold 35 advance tables. The final results were 40 tables and 220 tickets sold. That produced a net profit of approximately $1000 divided between MRAC and MAARS.

For the 2012 hamfest we started advertising at the South Milwaukee Hamfest, July 9, 2011. Flyers were delivered to hamfests in Cedarburg, Belvidere Il, St. Charles Il, even St. Louis Mo. And once again we handed flyers out to all sellers at the West Allis Hamfest in January 2012. The result was 40 advance tables with another 10 sold at the door. A majority of sellers were from Illinois. Ticket sales came in at 300, up from 220 in 2011. The result was a net profit of approximately $1600 to be divided between MRAC and MAARS. As a result of the good turnout, all those who helped out at the 'fest and stuck around to help clean up were treated to pizza and soda courtesy of the clubs. The successful hamfest also contributed to a free food joint meeting of MRAC and MAARS at the February MRAC meeting time and location.

2012 was also the debut of prizes. ARRL and Don Michalski W9IXG (Wisconsin Section Manager) provided some. The RF Adapter Guy (that is the business name) donated a dual band mobile antenna and N3FJP software donated a download version of their complete software logging suite (a $40 value). Luckily, so far, both years have had fairly good weather. 2011 was very cold, but there was no snow on the ground. That is always a risk for anything in February.

2013 included prizes once again from RF Adapter Guy and N3FJP Software besides the ARRL gift certificates provided to all sanctioned hamfests. Oh yes, we also received about 20 tickets to the Shrine Circus the next weekend (which no one wanted). Final profit for each club was around $650 ($650 to each club for a total of $1300 profit). The profit was down a bit as expenses crept up as we try to figure out what works.

Reminisces of The Daughter Of Our Second President

August 2005

One day in July, 2005, Tom Schulte, AB9EK, the club Treasurer (2005) retrieved a message on the club answering machine from a Yvonne Robel, who it turns out, is the daughter of Clarence Crapo 9VD (later W9VD) who was the second President (1921) of MRAC. He was also President again in 1931 and 1940 besides holding other offices over the years. He passed away in 1973. Tom passed the information to me and I proceeded to contact her. She had found a collection of her father's slides of MRAC activities and thought the club would be interested in having them. I said sure and gave her my information. She offered to ship them at her expense. A few days later I received a package containing 75, glass mount, photographic slides, almost all with hand written notes along the slide mount detailing what the picture was. Also enclosed was the following letter. It was read at the August 2005 general club meeting and is reprinted here.

My father, Clarence N. Crapo enjoyed many years with your organization. I'm glad to have found these slides, contacted you, and returned them to your membership where they'll be enjoyed. His other passion was photography. He was a master of stereo images. I have been active in photography as a profession and as a hobby (holding offices in camera clubs) for many years, influenced by my exposure to his work.

Some of these slides are in very poor condition as they were rescued from years of shed storage in Florida. The heat and humidity distressed some of the emulsion, but enough recognizable images remain to send along. He mounted his slides by hand , and after 60+ years the mountings are disintegrating. His precise small printing still amazes everyone in our family.

If even one of these old slides finds an interested relative or old friend it was worth the effort.

You may share these anecdotes of growing up with a-ham-for-a-dad with the membership if you like.

My dad was extremely fluid in Morse code. His fingers flew as he tapped out his message. I recollect, at the age of 4 or 5, sitting next to him on a stool, fascinated by the rhythm, squeaks, and static.

A standout in my memory of his voice contacts was about 1950. It was a Johannesburg chicken farmer who had 13 daughters, no sons. The British voice was clear from a "skip"(?). I remember them communicating more than once, and after my Dad knew how interested I was to hear the "voice from around the world", he would take me into the attic when he started calling him to see my delight when there was an answer.

The Shorewood police department was familiar with our address. W9VD used to clear the cobwebs out of television speakers for miles. There were many times my prim and proper Mother fielded their phone calls and blushed red with embarrassment. Once an officer showed up at our door to "Speak to Mr. Crapo" since the polite phone calls hadn't worked. It was probably during Elvis on Ed Sullivan.

In 1954 we custom ordered a brand new Oldsmobile 88 to replace the spotless 1941 Pontiac. My Mother carefully selected the classic turquoise and white, color matched the stripped upholstery, and most importantly, my Dad wanted it without a radio. She was so pleased as she considered radios in cars to be distracting. The day after we brought the new car home, he parked it in the driveway, just outside the garage, with an extension cord to the

power drill. He was preparing to cut the hole in the dash for the Civil Defense Radio. Then he attached the long antenna. Of course the antenna was removed for family travel, and for their trips to the supermarket, but my Mother never got over it.

After I graduated from Shorewood High School in 1961 and left Milwaukee, the giant 60 ft. wood pole and antenna in the backyard fell with a thundering blow, narrowly missing two garages.

Sincerely,
Yvonne (Crapo) Robel
Wellborn, Fl

Past Presidents Of MRAC

1917 Committee headed by L.S. Baird
1918 L.S. Hillegas Baird 9HO
1919 L.S. Hillegas Baird 9HO
1920 Clarence Crapo 9VD
1921 Daniel Gellerup 9AOE
1922 Herbert Wareing 9NY
1923 Edward T. Howell 9CVI
1924 Edward T. Howell 9CVI
1925 Charles Polacheck 9DTK
1926 Fred Catel W9DTK
1927 F. D. Schunck W9AFZ
1928 Donald Seibel W9ESF
1929 George Ward W9DCE
1930 Louis Wollaeger W9ANA
1931 Clarence Crapo W9VD
1932 Frank Moore W9BVB
1933 Dr. Charles A. Rosenbaum W9GHN
1934 Emil Felber W9RH
1935 Erwin Kries W9HRM
1936 George Ruger W9VWG
1937 Charles Meyer W9GVL
1938 William Brossman W9EQP
1939 Norbert J.(Dick) Richard W9OUB
1940 Clarence Crapo W9VD
1941 Joseph Kircher W9NRX
1942 Norman Barnes W9CDY
1943 Norman Barnes W9CDY
1944 Norman Barnes W9CDY
1945 John Scarvaci W9GIL
1946 Ralph Koenig W9RUF
1947 Fred Catel W9DTK
1948 George Bowen W9DWI
1949 Ralph Koenig W9RUF
1950 Fred Zolin W9ONY
1951 Fred Zolin W9ONY
1952 Thomas Gettelman W9IZO
1953 Ken Eggert W9MOT
1954 Elden Belanger W9MDG
1955 Emil Felber W9RH
1956 Raymond Peschek W9LJU
1957 Richard Oberholtzer W9ZPV
1958 Douglas Pavek W9FDX
1959 Ken Eggert W9MOT
1960 Arlan Bowen W9QYW
1961 Russell Burss W9RKP
1962 J. Travis Baird W9VQD
1963 Royal Miller W9CJO
1964 Carl Rohde W9ROM
1965 Carl Rohde W9ROM
1966 Bernard Tower K9ZPP
1967 J. Travis Baird W9VQD
1968 J. Travis Baird W9VQD
1969 Richard Oberholtzer W9ZPV
1970 Richard Oberholtzer W9ZPV
1971 Richard Oberholtzer W9ZPV
1972 Jack McLeland W9ATK
1973 Jack McLeland W9ATK
1974 Lee Mushel K9WRU
1975 Elden Belanger W9MDG
1976 Elden Belanger W9MDG
1977 Elden Belanger W9MDG
1978 Robert Glamm W9UGN
1979 Robert Glamm W9UGN
1980 C. Reid Whipple K9IWC
1981 C. Reid Whipple K9IWC
1982 Dave DeFebo WB9BWP
1983 Dave DeFebo WB9BWP
1984 Chris Welton WD9GZL
1985 Ted Stiller WA9RDI
1986 Ted Stiller WA9RDI
1987 Harry Cieszki KD9AJ
1988 Harry Cieszki KD9AJ
1989 Ed Wille W9PWG

Start of 2 year terms...
1990 Ed Wille W9PWG
1992 Ed Wille W9PWG
1994 Ed Wille W9PWG
1996 Ed Wille W9PWG
1998 Dave DeFebo WB9BWP
2000 Dave DeFebo WB9BWP
2002 Patrick Moretti W9UQ
2003 Kevin Reemes KC9BZU
2004 Patrick Moretti W9UQ
2006 Howard Parks AB9FH
2008 Howard Parks AB9FH
2009 Brian Bieger KC9HEK
2009 Mark Tellier AB9CD
2010 Dave DeFebo WB9BWP
New term structure…
2012 Dave Schank KA9WXN

Past Officers and More of MRAC

(2013)

In 2005 while pouring through recently donated archives of Emil Felber W9RH, a list of club officers from 1922-1966 was found. The list covered officers, but not necessarily directors. Later in the year, Jim Tromblay WB9LNU presented me with a list he worked on which covered through the years 1997. This list included directors and some committee chairmen and members. Using those lists as well as past rosters the following list has been compiled. For 2008 the list is still not complete, but more additions have been made including the 1948 ARRL National Convention committee chairmen. We keep uncovering new information every month. Maybe the list will be finished someday. We are not trying to leave anyone out. Committee chairs are listed where that information was available. Committee members may be listed also. If anyone was missed, we are sorry. Every effort has been made to ensure correctness. If you were an officer or on a committee and not listed here please let us know. One thing you can see is it takes a lot of people to run a club. You can also see some people keep stepping up to lend a hand to the club. Whose name appears most in this list? Is your name on this list? Will it be? If not, why not?

1919-1920

Pres - L. S. Baird 9HO
VP - Clarence Crapo 9VD
Secretary - R. A. Teschan
Treasurer - T. V. Weston
Business Mgr - R. A. Pelishek
Sergeant At Arms – Cornelius Prinslow 9OV
Chairman - L. S. Baird 9HO
Directors:
A. C. Kletzsch Jr.
A. Bertram Lord
R. A. Pelishek
C. S. Polacheck 9CMP
Rudolf Tischan
Thomas Weston
Publicity Mgr – M. B. Grogan
ARRL City Manager - L. A. Degner

1920 – 1921

Pres - Clarence Crapo 9VD
VP – A. B. Lord 9
Secretary – Louis Heyman
Treasurer - E. W. Ruppenthal
Chairman - L. S. Baird 9HO
Business Mgr - E. W. Ruppenthal
Publicity Mgr – M. B. Grogan
ARRL City Manager - Clarence Crapo 9VD

1921-1922

Pres - Daniel Gellerup 9AOE
VP – Herb Wareing 9NY
Secretary – L. W. Klingbiel
Treasurer - E. W. Ruppenthal
Chairman – Clarence Crapo 9VD
Past Pres - L. S. Baird 9HO
Business Mgr - E. W. Ruppenthal

1922-1923

Pres - Herb Wareing 9NY
VP – Edward T. Howell 9CVI
Secretary - H. G. Fawcett
Treasurer - E. W. Ruppenthal
Sgt At Arms - J. G. Montague
Publicity Mgr – M. B. Grogan
Chairman - Clarence Crapo 9VD
Directors:
Dan W. Gellerup 9AOE
Edward T. Howell 9CVI
E. W. Ruppenthal
A. J. Sinandl
I. H. Strassman
Herb Waring 9NY
Meetings and Papers Committee Chairman:
L. S. Baird 9HO
Technical Committee - Edward T. Howell 9CVI
Publications – R. W. Stone

1923-1924

Pres - Edward.T. Howell 9CVI
VP - M. F. Szukalski Jr. 9AAP
Secretary - C. S. Polacheck 9CMP
Secretary - Fred Catel 9DTK
Treasurer - E. W. Ruppenthal
Assistant Treasurer - Fred Catel 9DTK
Business Mgr - L. S. Baird 9HO
Directors:
Edwin A. Carey 9ATO
Clarence Crapo 9VD
Mark H. Doll 9ALR
G. Forrest Metcalf 9DXQ
Erwin G. Nickel 9ATO

1924-1925
Pres – Edward T. Howell W9CVI
VP - C. S. Polacheck
Secretary - Fred Catel W9DTK
Treasurer - E. W. Ruppenthal

1925-1926
Pres - C. S. Polacheck
VP - Fred Catel 9DTK
Secretary/Treasurer - John Meyer
Treasurer - E. W. Ruppenthal
Directors:
Fred Catel 9DTK
George Coates
Malcomb Jameson
Erwin Nickel 9ATO
Fremont Schunck 9AFZ
Sam Snead
Business Mgr - E.T. Howell 9CVI
Papers (?) - R. Knoff
Badger ARRL News:
Fred Catel 9DTK
Robert Knoff 9DXH
Ben Chromy 9CJO
George Coates
Fremont Schunck 9AFZ
Sam Snead
John Meyer 9BKR

1926-1927
Pres - Fred Catel W9DTK
VP - R. Knoff
Secretary/Treasurer - F. D. Schunck W9AFZ
Business Mgr – Anstutz

1927-1928
Pres - F. D. Schunck W9AFZ
VP - R. Knoff
Secretary/Treasurer - Don Seibel W9ESF
Business Mgr - Fred Catel W9DTK

1928-1929
Pres - Donald Seibel W9ESF
Secretary/Treasurer - F.J. Jutrash W9ALL
Secretary/Treasurer (11/15/28) - Harold R. Reiss W9ERS
Publicity - Fred Catel W9DTK

1929-1930
Pres - George Ward W9DCE
VP - Louis Wollaeger W9ANA
Secretary/Treasurer - Otis Stomer
Business Mgr - Donald Seibel W9ESF

1930-1931
Pres - Louis Wollaeger W9ANA
VP - O. E. Zander W9DIJ
Secretary/Treasurer - G. E. Woodward
Secretary/Treasurer (5/21/31) - Herb F. Wareing W9NY
Business Mgr - Clarence Crapo W9VD

1931-1932
Pres - Clarence Crapo W9VD
VP - Charles Meyer W9GVL
Secretary/Treasurer – H. G. Barnes
Chairman - Clarence Crapo W9VD
Directors:
Fred Catel W9DTK
Charles Meyer W9GVL
Donald Seibel W9ESF
Herb F. Wareing W9NY
G. F. Ward
Louis Wollaeger W9ANA

1932-1933
Pres - Frank Moore W9BVB
VP - Dr. Charles A. Rosenbaum W9GHN
Secretary/Treasurer - Louis Wollaeger W9ANA
Publicity - S. Michaels

1933-1934
Pres - Dr. Charles A. Rosenbaum W9GHN
VP - Erwin Kreis W9HRM
Secretary - Herb J. Parish W9CCD
Treasurer - O. E. Zander W9DIJ
Business Mgr - Donald Seibel W9ESF

1934-1935
Pres - Emil Felber W9RH
VP - C. Sennef
Secretary - Hal Kurth W9FSS
Secretary (9/6/34) - George J. Wood W9DII
Treasurer - Louis Wollaeger W9ANA

1935-1936
Pres - Erwin Kries W9HRM
VP - Oliver. E. Zander W9DIJ
Secretary - Herb Baker W9GSP
Treasurer - Raymond Peschek W9LJU
Directors:
Emil Felber W9RH
Charles Meyer W9GVL
C. A. Rosenbaum W9GHN
Louis Wollaeger W9ANA
Business Mgr – C. A. Rosenbaum W9GHN
Papers and Publications:
Charles Meyer W9GVL
Robert Moser W9NPS
Membership Committee – Irvin Berens – W9DFJ
Publicity Committee – Emil Felber W9RH
Sgt At Arms – George Ruger – W9DVD
Technical Committee – Louis Wollaeger W9ANA
Traffic Committee –
Code Class Instructor -

1936-1937
Pres - George Ruger W9VWG
VP - H. Peschek W9LJU
Secretary - Charles Meyer W9GVL
Treasurer - Al Krones W9UIT
Publicity - Fred Seifert W9EFX

1937-1938
Pres - Charles Meyer W9GVL
VP - William Brossman W9EQP
Secretary/Treasurer - Fred Seifert W9EFX
Business Mgr - Erwin Kries W9HRM

1938-1939
Pres - William Brossman W9EQP
VP - N. J. Richard W9OUB
Secretary/Treasurer - George Ruger W9VWG
Business Mgr - Erwin Kries W9HRM
Directors:
Lambrect
Siefert
Louis Wollaeger W9ANA
H. Peschek W9LJU – Alternate
Program Committee - N. J. Richard W9OUB
Picnic – Wilkenson W9EEL

1939-1940
Pres - Norbert J.(Dick) Richard W9OUB
VP - Louis Wollaeger W9ANA
Secretary/Treasurer - George Bowen W9DWI
Business Mgr - Erwin Kries W9HRM
Publicity - Emil Felber W9RH

1940 Wisconsin ARRL Convention:
General Chairman - Erwin Kries W9HRM
Co-Chairman - O. E. Zander W9DIJ
Secretary - George Ruger W9VWG
Commercial - George Bowen W9DWI
Publicity - Joe Kircher W9NRX
Ex-Officio - N. J. Richard W9OUB
Program - Louis Wollaeger W9ANA
Prizes:
Clarence Crapo W9VD
Herb Reinke W9ESO
Roman Hudzinski W9IPS
Robert Schmidt W9VDY
Fred Seifert W9EFX
Registration:
Ray Paechek W9LJU
Emil Felber W9RH
Ladies:
Mrs. R. S. Porth, XYL W9IZT
Miss M. F. Gale, YL W9ESO

1940-1941
Pres - Clarence Crapo W9VD
VP - Joseph Kircher W9NRX
Secretary/Treasurer - Herb Reinke W9ESO
Business Mgr - Erwin Kries W9HRM

1941-1942
Pres - Joseph Kircher W9NRX
VP - Jack Doyle W9GPI
Secretary - Reid Burrows W9JCW
Treasurer - Emil Felber W9RH
Business Mgr - Erwin Kries W9HRM
Directors:
Al Krones W9UIT
Charles Meyer W9GVL
Picnic - Emil Felber W9RH
Historian - Emil Felber W9RH

1942-1943
Pres - Norman Barnes W9CDY
VP - Fred Zolin W9ONY
Secretary - John Scarvaci W9GIL
Treasurer - Ray Behmke W9DJC
Treasurer (11/3/42) - Emil Felber W9RH
Business Mgr - Erwin Kries W9HRM
AREC EC – Wendell Ciganek W9SYT

1943-1944
Pres - Norman Barnes W9CDY
VP - John Scarvaci W9GIL
Secretary - Thomas Gettelman W9IZO
Treasurer - Emil Felber W9RH
ARRL Section Communication Manager (SCM) – Emil Felber W9RH
Bulletin Editor – Erwin Kries W9HRM

1944-1945
Pres - Norman Barnes W9CDY
VP - Thomas Gettelman W9IZO
Secretary - Erwin Kries W9HRM
Treasurer - Emil Felber W9RH
Directors:
Jack Doyle W9GPI
Charles Meyer W9GVL
Ray Paechek W9LJU
John Scarvaci W9GIL
Bulletin Editor – Erwin Kries W9HRM

1945-1946
Pres - John Scarvaci W9GIL
VP - Ralph Koenig W9RUF
Secretary - Erwin Kries W9HRM
Treasurer - Emil Felber W9RH
Directors:
Norman Barnes W9CDY
Thomas Gettelman W9IZO
Jack Doyle W9GPI
Charles Meyer W9GVL
Irving Jackson W9CID

1946-1947
Pres - Ralph Koenig W9RUF
VP - Dr. J. F. Wyman W9SZH
Secretary - Cyril V. Shallow W9SQK
Treasurer - Louis Wollaeger W9ANA
Directors:
Charles Meyer W9GVL
Al Krones W9UIT
Emil Felber W9RH
George J. Pfister W9IZQ
License Trustee - Al Krones W9UIT

1947-1948
Pres - Fred Catel W9DTK
VP - George Bowen W9DWI
Secretary - Lester Reinmund W9PTE
Treasurer - Emil Felber W9RH
Directors:
Jack Doyle W9GPI
Thomas Gettelman W9IZO
Charles Meyer W9GVL
George J. Pfister W9IZQ
ARRL Central Division Director - Clyde C. Richelieu W9ARE
License Trustee - Louis Wollaeger W9ANA

1948 ARRL National Convention:
Chairman - Jack Doyle W9GPI
Vice Chairman and Program Co-ordinator – Fred Catel W9DTK
Secretary Les Reinmund W9PTE
Audit:
Louis Wollaeger W9ANA
George Toppe W9QFL
Finance – Wes Correll W9FY
Housing Fred Morton W9AMB
Registration – Joe Collins W9PYM
IRE-BCE – Joe Kircher W9NRX
Publicity – Sidney Rose W9VKC
Decorations – Cy Wysocki W9DOS
Exhibit Manager – George Bowen W9DWI
ARRL Booth – H. Wilson W9NAV
MRAC Booth – H. H. Devendorf
Prizes – Travis Baird W9VQD
Ladies Activities – Mrs. George Toppe W9AYX
Entertainment – Tom Gettelman – W9IZO
Wouff Hong – Charlie Meyer W9GVL
Program – Emil Felber W9RH
Printing – John Scarvaci W9GIL
VHF – Frank Maiorana W9TPT
Technical Talks and Speakers – George Pfister W9IZQ
Hidden Transmitter Hunt – Clarence Burke W9KEU
Historical – Clarence Crapo W9VD
C.A.R.C.C. – Art Kraatz W9HPX
Chicagoland Mobile Club – Harry Harrison W9LLX

1948-1949
Pres - George Bowen W9DWI
VP - Ralph Koenig W9RUF
Secretary - Curtis Schultz W9LZU
Secretary (11/30/48) - Joseph Collins W9PYM
Treasurer - Leonard Benson W9BNN
Directors:
J. Travis Baird W9VQD
Joseph Collins W9PYM
Hugh Wilson W9NAV
John Scarvaci W9GIL (alternate)
ARRL Central Division Director – Jack Doyle W9GPI
Chatter – Harry Paston W9DJV

1949-1950

Pres - Ralph Koenig W9RUF
VP - Fred Zolin W9ONY
Secretary - Art Vahovius W9VSO
Treasurer - Leonard Benson W9BNN
Treasurer - George Bowen W9DWI
Directors:
George Bowen W9DWI
Joseph Collins W9PYM
Clarence O. Wahner W9YYY (alternate)
Business Manager – Joe Collins W9PYM
Contests – Doug Kluge W9NKK
ARRL Central Division Director - Jack Doyle W9GPI
ARRL Wisconsin Section Emergency Coordinator - Clarence O. Wahner W9YYY
ARRL Milwaukee County Emergency Coordinator - Ralph Koenig W9RUF
Legal Counsel Paul A Leeb W9TKY
Chatter:
Harry Paston W9DJV
George Bowen W9DWI
Fred Zolin W9ONY

1950-1951

Pres - Fred Zolin W9ONY
VP - Louis Wollaeger W9ANA
Secretary - Eugene Wille W9EKU
Secretary (9/28/50) - Les G. Thelaner W9HDW
Treasurer - Emil Felber W9RH
Directors:
Thomas Gettelman W9IZO
George J. Pfister W9IZQ
John Scarvaci W9GIL
Gildea Hutchinson W9FTY
Business Manager - H. Ellis Saxton W9UMX
Chatter:
Sid Rose W9VKC
Jim Fischer W9LPF

1951-1952

Pres - Fred Zolin W9ONY
1st VP - J. Travis Baird W9VQD
2nd VP - Ken Eggert W9MOT
Secretary - Art Brown W9EZP
Treasurer - Lynn Lewis W9UH
Treasurer (2/21/52) - Emil Felber W9RH
Directors:
H. Charles Kaetel W9SNK
Jack Doyle W9GPI
Emil Felber W9RH
Thomas Gettelman W9IZO
Douglas Pavek W9FDX
Louis Wollaeger W9ANA
Field Day Chairman - J. Travis Baird W9VQD

1952-1953

Pres - Thomas Gettelman W9IZO
1st VP - Ken Eggert W9MOT
2nd VP - Carroll Thomas W9WK
Secretary - Will Herzog W9LSK
Treasurer - Eldon J. Belanger W9MDG
Directors:
J. Travis Baird W9VQD
James K. Douglas W9DR
Jack Doyle W9GPI
Emil Felber W9RH
Raymond A. Thompson W9IRZ
Louis Wollaeger W9ANA
Chairman - Fred Zolin W9ONY
Legal Counsel Paul A Leeb W9TKY
Women's Auxiliary Officers:
Pres - Mrs. Leanore Zavadnik
1st VP - Mrs. Mary Meyer
2nd VP - Mrs. Jeanne Pavek
Secretary - Mrs. Louise Kaetel
Treasurer - Mrs. Anita Thomas

1953-1954

Pres - Ken Eggert W9MOT
1st VP - Frank Seeboth W9NLY
2nd VP - Carroll Thomas W9WK
Secretary - Will Herzog W9LSK
Treasurer - Eldon J. Belanger W9MDG
Directors:
J. Travis Baird W9VQD
Charles C. Dawson W9CUW
James K. Douglas W9DR
Emil Felber W9RH
H. Charles Kaetel W9SNK
Raymond A. Thompson W9IRZ
Chairman - Fred Zolin W9ONY
Legal Counsel Paul A Leeb W9TKY
Women's Auxiliary Officers:
Pres - Mrs. Mary Meyer
1st VP - Mrs. Jeanne Pavek
2nd VP - Mrs. Louise Kaetel
Secretary - Mrs. Pauline Herzog
Treasurer - Mrs. Evelyn Dawson

1954-1955

Pres - Eldon J. Belanger W9MDG
1st VP - Frank Seeboth W9NLY
2nd VP - Eugene Wille W9EKU
Secretary - Edward Buchholz W9VBZ
Treasurer - Roman Hudzinski W9JPS
Directors:
Ken Eggert W9MOT
Charles C. Dawson W9CUW
James K. Douglas W9DR
Emil Felber W9RH
Will Herzog W9LSK
H. Charles Kaetel W9SNK
Chairman - Fred Zolin W9ONY
Legal Counsel Paul A Leeb W9TKY
Women's Auxiliary Officers:
Pres - Mrs. Evelyn Dawson
1st VP - Mrs. Florence Belanger
2nd VP - Mrs. Irene Buchholz
Secretary - Mrs. Betty Eannelli
Treasurer - Mrs. Marian Schweda

1955-1956

Pres - Emil Felber W9RH
1st VP - Ken Eggert W9MOT
2nd VP - Ray Peschek W9LJU
Secretary - Vernon Fabishak W9HDH
Treasurer - Charles C. Dawson W9CUW
Directors:
Eldon J. Belanger W9MDG
Edward Buchholz W9VBZ
Gordon J. Fedder W9YFW
Will Herzog W9LSK
Douglas A. Pavek W9FDX
Dr. Irwin J. Waldman W9RXS
Chairman - Fred Zolin W9ONY
Legal Counsel Paul A Leeb W9TKY
Field Day - Edward Buchholz W9VBZ
Women's Auxiliary Officers:
Pres - Mrs. Evelyn Dawson
1st VP - Mrs. Florence Belanger
2nd VP - Mrs. Irene Buchholz
Secretary - Mrs. Betty Eannelli
Treasurer - Mrs. Marian Schweda

1956-1957

Pres - Raymond Peschek W9LJU
1st VP - Richard H. Oberholtzer W9ZPV
2nd VP - Ray Peschek W9LJU
Secretary - Vernon Fabishak W9HDH
Treasurer - Charles C. Dawson W9CUW
Chairman - Emil Felber W9RH
Directors:
Eldon J. Belanger W9MDG
Edward Buchholz W9VBZ
Gordon J. Fedder W9YFW
Will Herzog W9LSK
Douglas A. Pavek W9FDX
Dr. Irwin J. Waldman W9RXS
Legal Counsel Paul A Leeb W9TKY
Women's Auxiliary Officers:
Pres - Mrs. Evelyn Dawson
1st VP - Mrs. Florence Belanger
2nd VP - Mrs. Irene Buchholz
Secretary - Mrs. Betty Eannelli
Treasurer - Mrs. Marian Schweda

1957-1958

Pres - Raymond Peschek W9LJU
1st VP - Richard H. Oberholtzer W9ZPV
2nd VP – Sigmund J. Wysocki W9DOS
Secretary - Vernon Fabishak W9HDH
Treasurer - Charles C. Dawson W9CUW
Chairman - Emil Felber W9RH
Directors:
Eldon J. Belanger W9MDG
Gordon J. Fedder W9YFW
Douglas A. Pavek W9FDX
Dr. Irwin J. Waldman W9RXS
Legal Counsel Paul A Leeb W9TKY
Women's Auxiliary Officers:
Pres - Mrs. Evelyn Dawson
1st VP - Mrs. Florence Belanger
2nd VP - Mrs. Irene Buchholz
Secretary - Mrs. Betty Eannelli
Treasurer - Mrs. Marian Schweda

1958-1959

Pres - Richard H. Oberholtzer W9ZPV
1st VP - Clarence Crapo W9VD
2nd VP – Sigmund Wysocki W9DOS
2nd VP – Douglas A. Pavek W9FDX
Secretary – James Buth K9CJK
Treasurer - Charles C. Dawson W9CUW
Chairman -
Directors:
Eldon J. Belanger W9MDG
Ken Eggert W9MOT
Gordon J. Fedder W9YFW
Fred Zolin W9ONY
Legal Counsel Paul A Leeb W9TKY
Women's Auxiliary Officers:
Pres - Mrs. Eve Koehler
1st VP - Mrs. Florence Zolin
2nd VP - Mrs. Kay Seboth
Secretary - Mrs. Ruth Fedder
Treasurer - Mrs. Betty Buth
Bylaws Chairman - Ken Eggert W9MOT
Public Relations, Publicity, and Editorial
Communications:
Fred Zolin W9ONY
Sid Rose W9VKC
Larry Zentgraf K9CAG
DX and ARRL Activities:
Fred Borcherdt W9DYG
George Zurbuchen W9UDK
John Coleman W9HAT
Doug Pavek W9FDX
Mobile Activities:
Gordon Fedder W9YFW
Richard Sandborn W9FTE
John Coleman W9HAT
Don Drengenberg W9PST
Field Day – Richard Scarvaci K9CAN
Chatter:
Fred Zolin W9ONY
Jim Buth K9CJK

1959-1960

Pres - Ken Eggert W9MOT
1st VP - Arlan Bowen W9QYW
2nd VP – Russell E. Burss W9RKP
Secretary – Charles Porch K9ENB
Treasurer – Donald Gross W9KQD
Chairman - Douglas A. Pavek W9FDX
Directors:
J. Travis Baird W9VQD
James Buth K9CJK
Richard H. Oberholtzer W9ZPV
Ray Peschek W9LJU
Sigmund Wysocki W9DOS
Fred Zolin W9ONY
Legal Counsel Paul A Leeb W9TKY
License Trustee – Thomas Gettelman W9IZO
Women's Auxiliary Officers:
Pres - Mrs. Jeanne Pavek
1st VP - Mrs. Florence Belanger W9WYJ
2nd VP - Mrs. Mary Meyer
Secretary - Mrs. Lois Borcherdt
Treasurer - Mrs. Anita Thomas
Field Day – Charles Porch K9ENB
DX Committee:
James E. Buth K9CJK
Jack Kunath W9OMY
TVI Committee – Ken Reger
Radio Officer – Ralph Koenig W9RUF
License Classes:
Jack Doyle W9GPI
Arlan Bowen W9QYW

1960-1961

Pres - Arlan Bowen W9QYW
1st VP – Eugene Strzyzewski W9ZAN
2nd VP – Donald J. Gross W9KQD
Secretary – Russell C. Greenwood W9LVR
Treasurer – Erwin Reiser K9CUI
Chairman - Ken Eggert W9MOT
Directors:
J. Travis Baird W9VQD
Fred Borcherdt W9DYG
James E. Buth K9CJK
John Halser K9MTM
Jack Hughes W9ULA
Sigmund Wysocki W9DOS
Legal Counsel Paul A Leeb W9TKY
Radio Officer - Bob Goldstein K9KJT
License Trustee – Thomas Gettelman W9IZO
Women's Auxiliary Officers:
Pres - Mrs. Florence Belanger
1st VP – Mrs. Anita Thomas
Secretary – Mrs. Evelyn Dawson
Treasurer – Mrs. Marilyn Reger

1961-1962

Pres - Russell E. Burss W9RKP
1st VP – J. Travis Baird W9VQD
2nd VP – Russell C. Greenwood W9LVR
Secretary – John Czarnecki Jr. K9PSU
Treasurer – Gerald Kraig K9MZJ
Chairman - Arlan Bowen W9QYW
Directors:
Fred Borcherdt W9DYG
Charles C. Dawson W9CUW
John Halser K9MTM
Fred Krause W9VLK
Patrick Shanahan W9UNJ
Bob Wilson W9ZB
Legal Counsel Paul A Leeb W9TKY
TVI Committee - John Halser K9MTM
Field Day – Art Vahovius W9VSO
Chatter:
Don Gross W9KQD
Fred Borcherdt W9DYG
James Buth K9CJK
License Trustee – Thomas Gettelman W9IZO
MRAC Women's Auxiliary
Pres – Ellen Porch
VP – Evelyn Dawson
Secretary Irene Buchholz
Treasurer – Anita Thomas

1962-1963

Pres - J. Travis Baird W9VQD
1st VP - Royal Miller W9CJO
2nd VP - Carl Rohde W9ROM
Secretary - John Korns K9WGN
Secretary - Bernard Moores K9KLM
Treasurer - Tony Kuntz K9CJP
Chairman - Russell E. Burss W9RKP
Directors:
Arlan Bowen W9QYW
John Czarnecki K9SUB
Charles C. Dawson W9CUW
Don Street W9KJW
Lowell Warshawsky W9NGV
Robert Wilson W9ZB
License Trustee – Emil Felber W9RH

1963-1964

Pres - Royal Miller W9CJO
1st VP - Carl Rohde W9ROM
2nd VP - Walter Prichard W9CUS
Secretary - Bernard Moores K9KLM
Treasurer - Tony Kuntz K9CJP
Chairman - J. Travis Baird W9VQD
Directors:
Arlan Bowen W9QYW
Russell E. Burss W9RKP
Paul A Leeb W9TKY
Donald Street W9KJW
William Thompson K9JGT
Lowell Warshawsky W9NGV
Custodian – Emil Felber W9RH
License Trustee – Emil Felber W9RH
Radio Officer – Ralph Koenig W9RUF
AREC EC – Bob Goldstein K9KJT
Legal Counsel Paul A Leeb W9TKY

1964-1965

Pres - Carl Rohde W9ROM
1st VP - Jack Doyle W9GPI
2nd VP - Bernard Moores K9KLM
Secretary - George Greeson K9KLK
Assistant Sec – Harold Engelke K9CMX
Treasurer - Dick Scarvaci K9CAN
Chairman - Royal Miller W9CJO
Directors:
Russell E. Burss W9RKP
Charles C. Dawson W9CUW
William Fake W9BLQ
Frank Seeboth W9NLY
Lowell Warshawsky W9NGV
Fred Zolin W9ONY
License Trustee – Emil Felber W9RH
Radio Officer – Ralph Koenig W9RUF
AREC EC – Bob Goldstein K9KJT
Legal Counsel Paul A Leeb W9TKY
Chatter:
Fred Zolin W9ONY
Jack Doyle W9GPI

1965-1966

Pres - Carl Rohde W9ROM
1st VP - Jack Doyle W9GPI
2nd VP - Robert W. Price WA9JLU
Secretary - Lowell Warshawsky W9NGV
Treasurer - Jack W. McLeland W9ATK
Chairman - Carl Rohde W9ROM
Directors:
Charles C. Dawson W9CUW
William J. Fake W9BLQ
Harold A. Engelke K9CMX
Russell C. Greenwood W9LVR
Frank J. Seboth W9NLY
Fred H. Zolin W9ONY
Radio Officer - Herbert Zwarra W9MQA
AREC EC – Bob Goldstein K9KJT
Wi SEC - Bernard E. Tower K9ZPP
License Trustee - Emil Felber W9RH
Field Day - Russell C. Greenwood W9LVR
Legal Counsel - Paul A Leeb W9TKY
Membership – Bob W9KLM
Chatter:
Fred H. Zolin W9ONY
Arlan Bowen W9QYW
Jack Doyle W9GPI
Bob Goldstein K9KJT

1966-1967

Pres - Bernard E. Tower K9ZPP (resigned 1/20/67)
1st VP – Tom Hamilton K9WIG (resigned 10/6/66)
1st VP - Donald A. Evenson K9JYX
2nd VP - Robert W. Price WA9JLU
Secretary - George Greeson K9KLK
Treasurer - Charles C. Dawson W9CUW
Chairman - Carl Rohde W9ROM
Directors:
Jack Doyle W9GPI
Harold A. Engelke K9CMX
Russell C. Greenwood W9LVR
Jack W. McLeland W9ATK
James H. Ott W9LCD
Frank J. Seboth W9NLY
Legal Counsel Paul A Leeb W9TKY
Field Day – Don Evenson K9JYX
AREC EC – Bob Goldstein K9KJT
License Trustee – Frank Seeboth W9NLY
License Trustee – Carl Rohde W9ROM (7/66)
Auction - J. Travis Baird W9VQD
Chatter:
Jack Doyle W9GPI
Bob Goldstein K9KJT
Carl Rohde W9ROM
Bob Price WA9JLU
Ted Willet W9NHE
Custodian - Carl Rohde W9ROM

1967 Central Division Convention

Chairman - Bernard E. Tower K9ZPP
Vice Chairman - Jack Doyle W9GPI
Program Chairman – Lynn Tamblin WA9KRF
Ham Relations Chairman – Don Evenson K9JYX
Financial Chairman – Paul Krueger WA9OQZ

1967-1968

Pres - J. Travis Baird W9VQD
1st VP - Frank J. Seboth W9NLY
2nd VP - Lowell Warshawsky W9NGV
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - Bernard E. Tower K9ZPP
Directors:
Jack Doyle W9GPI
Donald A. Evenson K9JYX
Jack W. McLeland W9ATK
James H. Ott W9LCD
Carl Rohde W9ROM
Raymond W. Weeks WA9JOV
Radio Officer - Herbert Zwarra W9MQA
AREC EC – Bob Goldstein K9KJT
Custodian - Carl Rohde W9ROM
Historian - Carl Rohde W9ROM
Auction - J. Travis Baird W9VQD
Field Day – Bob Stuckert WA9SYD
Legal Counsel Paul A Leeb W9TKY
Chatter:
Jack Doyle W9GPI
Bob Goldstein K9KJT
Carl Rohde W9ROM
Bob Price WA9JLU
Ted Willet W9NHE

1968-1969

Pres - J. Travis Baird W9VQD
1st VP - Frank J. Seboth W9NLY
2nd VP - Lowell Warshawsky W9NGV
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - Bernard E. Tower K9ZPP
Directors:
Donald A. Evenson K9JYX
Jack W. McLeland W9ATK
James H. Ott W9LCD
Carl Rohde W9ROM
Robert Stuckert WA9SYD
Raymond W. Weeks WA9JOV
Radio Officer - Herbert Zwarra W9MQA
AREC EC – Bob Goldstein K9KJT
Custodian - Carl Rohde W9ROM
Historian - Carl Rohde W9ROM
Auction - J. Travis Baird W9VQD
Legal Counsel Paul A Leeb W9TKY
On Air Code Practice:
Walter J. Glish W9YYW
Robert Stuckert WA9SYD
Raymond W. Weeks WA9JOV
Chatter:
Bob Goldstein K9KJT
Carl Rohde W9ROM
Bob Price WA9JLU
Ted Willet W9NHE

1969-1970

Pres - Richard H. Oberholtzer W9ZPV
VP - Raymond W. Weeks WA9JOV
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - J. Travis Baird W9VQD
Directors:
Harold A. Engelke K9CMX
Jack W. McLeland W9ATK
James H. Ott W9LCD
Carl Rohde W9ROM
Chester Y. Sakura W9CTI
Lloyd W. Wantland WA9JKD
Auction - J. Travis Baird W9VQD
Historian - Carl Rohde W9ROM
Legal Counsel - Paul A Leeb W9TKY
Chatter - Chester Y. Sakura W9CTI

1970-1971

Pres - Richard H. Oberholtzer W9ZPV
1st VP - James H. Ott W9LCD
2nd VP - Raymond W. Weeks WA9JOV
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - J. Travis Baird W9VQD
Directors:
Harold A. Engelke K9CMX
Emmett Koeble K9DD
John Hopwood W9KYT
Jack W. McLeland W9ATK
Chester Y. Sakura W9CTI
Lloyd W. Wantland WA9JKD
Auction - J. Travis Baird W9VQD
Historian - Carl Rohde W9ROM
Legal Counsel - Paul A Leeb W9TKY
Chatter - Chester Y. Sakura W9CTI

1971-1972

Pres - Richard H. Oberholtzer W9ZPV
1st VP - James H. Ott W9LCD
2nd VP - Raymond W. Weeks WA9JOV
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - J. Travis Baird W9VQD
Directors:
Harold A. Engelke K9CMX
Emmett Koeble K9DD
John Hopwood W9KYT
Jack W. McLeland W9ATK
Chester Y. Sakura W9CTI
Lloyd W. Wantland WA9JKD
Auction - J. Travis Baird W9VQD
Historian - Carl Rohde W9ROM
Legal Counsel - Paul A Leeb W9TKY
Chatter - Chester Y. Sakura W9CTI

1972-1973

Pres - Jack W. McLeland W9ATK
1st VP – Jim Taylor K9ZYS
2nd VP - Dave DeFebo WB9BWP
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - Richard H. Oberholtzer W9ZPV
Directors:
Russell E. Burss W9RKP
Harold A. Engelke K9CMX
David J. Knaus WA9POV
George Ruger WN9EHA
Chester Y. Sakura W9CTI
Lloyd W. Wantland WA9JKD
Auction - J. Travis Baird W9VQD
Chatter - Chester Y. Sakura W9CTI

1973-1974
Pres – Jack W. McLeland W9ATK
1st VP – Emmett H. Koeble K9DD
2nd VP – David J. Knaus WA9POV
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - Richard H. Oberholtzer W9ZPV
Directors:
Russell E. Burss W9RKP
Dave DeFebo WB9BWP
George Ruger W9DVD
Chester Y. Sakura W9CTI
Ray O. Truemner W9ITD
William V. Witt Jr. W9LUR
Auction - J. Travis Baird W9VQD
Chatter - Chester Y. Sakura W9CTI

1974-1975
Pres – Lee Mushel K9WRU
1st VP – Emmett H. Koeble K9DD
2nd VP – Howard Traxler WA9RYF
Secretary - Walter J. Glish W9YYW
Treasurer - Charles C. Dawson W9CUW
Chairman - Jack W. McLeland W9ATK
Directors:
David J. Knaus WA9POV
Richard H. Oberholtzer W9ZPV
Ralph Parker WA9MLY
Chester Y. Sakura W9CTI
Ray O. Truemner W9ITD
Gordon H. Weiler W9ZQK
Auction - J. Travis Baird W9VQD
Chatter - Chester Y. Sakura W9CTI
ARES EC – David J. Knaus WA9POV

1975-1976
Pres - Eldon J. Belanger W9MDG
1st VP - Gordon H. Weiler W9ZQK
2nd VP - Ralph Parker WA9MLY
Secretary - Ray O. Truemner W9ITD
Treasurer - J. Travis Baird W9VQD
Chairman - Jack W. McLeland W9ATK
Directors:
Florence Belanger W9WYJ
Russell E. Burss W9RKP
Walter J. Glish W9YYW
Robert A. Glamm W9UGN
Jack C. Krause W9UJM
Sus Musashi WB9BGJ
Auction - J. Travis Baird W9VQD

1976-1977
Pres - Robert A. Glamm W9UGN
1st VP - Gordon H. Weiler W9ZQK
2nd VP - Ralph Parker WA9MLY
Secretary - Jack C. Krause W9JK
Treasurer - David DeFebo WB9BWP
Chairman - Eldon J. Belanger W9MDG
Directors:
Florence Belanger W9WYJ
Russell E. Burss W9RKP
Walter J. Glish W9YYW
Sus Musashi WB9BGJ
Richard H. Oberholtzer W9ZPV
Howard Traxler WA9RYF
Auction - J. Travis Baird W9VQD
Field Day - Howard Traxler WA9RYF
License Classes - Richard H. Oberholtzer W9ZPV
Class Instructors:
Richard H. Oberholtzer W9ZPV
Dave DeFebo WB9BWP
Walter J. Glish W9YYW

1977-1978
Pres - Robert A. Glamm W9UGN
1st VP -
2nd VP – Steve Schwednetter WB9ZKT
Secretary - Jack C. Krause W9JK
Treasurer - David DeFebo WB9BWP
Chairman - Eldon J. Belanger W9MDG
Directors:
Russell E. Burss W9RKP
Walter J. Glish W9YYW
Glenn Rearick WD9GZM
Business Manager - H. Charles Kaetel W9SNK
Auction - J. Travis Baird W9VQD
Field Day - Howard Traxler WA9RYF
License Classes - Richard H. Oberholtzer W9ZPV
Class Instructors:
Richard H. Oberholtzer W9ZPV
Dave DeFebo WB9BWP
Walter J. Glish W9YYW
Chris Welton WD9GZL

1978-1979

Pres - Robert A. Glamm W9UGN
1st VP - Chris Welton WD9GZL
C. Reid Whipple K9IWC
2nd VP – Steve Schwednetter WB9ZKT
Secretary - Jack C. Krause W9JK
Treasurer - David DeFebo WB9BWP
Chairman - Eldon J. Belanger W9MDG
Directors:
Florence Belanger W9WYJ
Russell E. Burss W9RKP
Walter J. Glish W9YYW
Richard H. Oberholtzer W9ZPV
Glenn Rearick WD9GZM
Howard Traxler WA9RYF
Business Manager - H. Charles Kaetel W9SNK
Auction - J. Travis Baird W9VQD
Field Day - C. Reid Whipple K9IWC
License Classes - Richard H. Oberholtzer W9ZPV
Class Instructors:
Richard H. Oberholtzer W9ZPV
Dave DeFebo WB9BWP
Walter J. Glish W9YYW

1979-1980

Pres - Robert A. Glamm W9UGN - resigned
Pres - C. Reid Whipple K9IWC
1st VP - C. Reid Whipple K9IWC
1st VP - David DeFebo WB9BWP
2nd VP - Steven Schwendtner WB9ZKT
Secretary - Jack Krause W9JK
Treasurer - David DeFebo WB9BWP (became VP)
Treasurer - Chris Welton WD9GZL
Chairman - Eldon J. Belanger W9MDG
Directors:
Russell E. Burss W9RKP (removed)
Florence Belanger W9WYJ
Walter J. Glish W9YYW
Richard H. Oberholtzer W9ZPV
Glen Rearick WD9GZM (resigned 11/79)
Howard Traxler WA9RYF
Business Manager - H. Charles Kaetel W9SNK
Sgt At Arms - Dick McNew WB9PTC
Auction - J. Travis Baird W9VQD
Field Day - C. Reid Whipple K9IWC
License Classes - H. Charles Kaetel W9SNK
Class Instructors:
Eldon J. Belanger W9MDG
Dave DeFebo WB9BWP
Walter J. Glish W9YYW
C. Reid Whipple K9IWC

1980-1981

Pres - C. Reid Whipple K9IWC
1st VP - David DeFebo WB9BWP
2nd VP – Ken Eggert W9MOT
Secretary - Jack Krause W9JK
Treasurer - Ted Stiller WA9RDI
Chairman - Eldon J. Belanger W9MDG
(resigned/retired)
Directors:
Florence Belanger W9WYJ (resigned/retired)
Walter J. Glish W9YYW
Richard H. Oberholtzer W9ZPV
Glen Rearick WD9GZM
Howard Traxler WA9RYF
Business Manager - H. Charles Kaetel W9SNK
Auction - J. Travis Baird W9VQD
Field Day – Mark Brueggermann KA9LXP
License Classes - H. Charles Kaetel W9SNK
Class Instructors:
Eldon J. Belanger W9MDG
Dave DeFebo WB9BWP
Walter J. Glish W9YYW
John E. Lorbiecki KA9DNL
Vern Petersen W9PGL

1982-1983

Pres - Dave DeFebo WB9BWP
1st VP - Ken Eggert W9MOT
2nd VP - Vern Petersen W9PGL
Secretary - Jack Krause W9JK
Treasurer - Ted Stiller WA9RDI
Chairman - C. Reid Whipple K9IWC
Directors:
Walter J. Glish W9YYW
Fred Mikolajewski WD9IYA
Duane K. Mitchell WD9HBZ (replaced Ed Vetter - moved)
Ottmar W. Noeske W9LGO
Marvin H. Rutishauser WB9PKL
Betty Vetter
Ed Vetter N9ARC
Christopher Welton WD9GZL (replaced Betty Vetter - moved)
Business Manager - H. Charles Kaetel W9SNK
Mailing List/Membership – Lillian Wunsch WA9EMJ
Auction - J. Travis Baird W9VQD
Field Day - Mark Brueggeman KA9LXP
License Classes - H. Charles Kaetel W9SNK
Class Instructors:
Dave DeFebo WB9BWP
Walter J. Glish W9YYW
Bill Fulhart KA9GVX
John E. Lorbiecki KA9DNL
Vern Petersen W9PGL

1983-1984

Pres - Dave DeFebo WB9BWP
1st VP - John E. Lorbiecki KA9DNL
2nd VP - Vern Petersen W9PGL
Secretary - Ken Eggert W9MOT
Treasurer - Pat Hoppe KA9OIZ
Chairman - C. Reid Whipple K9IWC
Directors:
Walter J. Glish W9YYW
Jerry Melotik KC9EV
Fred Mikolajewski WD9IYA
Duane K. Mitchell WD9HBZ
Ted Stiller WA9RDI
Christopher Welton WD9GZL
Business Manager - H. Charles Kaetel W9SNK
Auction - J. Travis Baird W9VQD
Field Day - Pat Hoppe KA9OIZ
License Classes - H. Charles Kaetel W9SNK
Class Instructors:
Dave DeFebo WB9BWP
Bill Fulhart KA9GVX
Walter J. Glish W9YYW
John Lorbiecki K9WUF
John E. Lorbiecki KA9DNL
Vern Petersen W9PGL

1984-1985

Pres - Christopher Welton WD9GZL
1st VP - John E. Lorbiecki KA9DNL
2nd VP - Emerend Bude K9HJH
Secretary - Harry Cieszki KD9AJ
Treasurer - Montgomery Sykes KA9NVY
Chairman - Dave DeFebo WB9BWP
Business Manager - H. Charles Kaetel W9SNK
Directors:
Jack Krause W9JK
Fred Mikolajewski KC9WW
George Philbert KA9MXM
Auction - J. Travis Baird W9VQD
Field Day:
Pat Hoppe KA9OIZ
Ted Stiller WA9RDI
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Harry Cieszki KD9AJ
Dave DeFebo WB9BWP
Walter J. Glish W9YYW
John Lorbiecki K9WUF
John E. Lorbiecki KA9DNL
Vern Petersen W9PGL
VEC - Jack Krause W9JK

1985-1986

Pres - Ted Stiller WA9RDI
1st VP – Bill Witt N9KY
2nd VP - Emerend Bude K9HJH
Secretary - Harry Cieszki KD9AJ
Treasurer - C. Reid Whipple K9IWC
Chairman - C. Reid Whipple K9IWC
Directors:
Walter J. Glish W9YYW
Jack Krause W9JK
Jerry Melotik KC9EV
Fred Mikolajewski WD9IYA
George Philbert KA9MXM
Jerry Reidel KA9AJF
Sgt At Arms - Dick McNew WB9PTC
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Harry Cieszki KD9AJ
Dave DeFebo WB9BWP
John Lorbiecki K9WUF
Terry Kohler KA9RFM
Ed Seruga KE9JJ
Auction - J. Travis Baird W9VQD
Field Day:
Jerry Reidel KA9AJF
Jerry Melotik KC9EV
VEC - Jack Krause W9JK
Archive Custodian - Fred Mikolajewski WD9IYA
Legal Counsel - Bob Fenning

1986-1987

Pres - Ted Stiller WA9RDI
1st VP - Emerend Bude K9HJH
2nd VP -
Secretary - Chris Welton WD9GZL
Secretary - Harry Cieszki KD9AJ
Treasurer - C. Reid Whipple K9IWC
Treasurer - Fr. William Kidd NE9W
Chairman - C. Reid Whipple K9IWC
Directors (?):
J. Travis Baird W9VQD
Jack Krause W9JK
Jerry Melotik KC9EV
George Philbert KA9MXM
Jerry Reidel KA9AJF
Richard Schlatterer KA9MTY
Roger Zaun W9UVV
Sgt At Arms - Dick McNew WB9PTC
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
John Lorbiecki K9WUF
Terry Kohler KA9RFM
Ed Seruga KE9JJ
Auction - J. Travis Baird W9VQD
Field Day:
Jerry Reidel KA9AJF
Jerry Melotik KC9EV
VEC - Jack Krause W9JK
Archive Custodian - Fred Mikolajewski WD9IYA
Legal Counsel - Bob Fenning

1987-1988

Pres - Ted Stiller WA9RDI
1st VP - Emerend Bude K9HJH
2nd VP -
Secretary - Chris Welton WD9GZL
Treasurer - Fr. William Kidd NE9W
Chairman - C. Reid Whipple K9IWC
Directors (?):
Jack Krause W9JK
Jerry Melotik KC9EV
George Philbert KA9MXM
Jerry Reidel KA9AJF
Richard Schlatterer KA9MTY
Roger Zaun W9UVV
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
John Lorbiecki K9WUF
Terry Kohler KA9RFM
Ed Seruga KE9JJ
Auction - J. Travis Baird W9VQD
Field Day:
Jerry Reidel KA9AJF
Jerry Melotik KC9EV
VEC - Jack Krause W9JK
Archive Custodian - Fred Mikolajewski WD9IYA

1988-1989

Pres - Harry Cieszki KD9AJ
1st VP - J. Travis Baird W9VQD
2nd VP - Emerend Bude K9HJH
Secretary - Ed Seruga KE9JJ
Treasurer - Fr. William Kidd NE9W
Chairman - Ted Stiller WA9RDI
Directors:
Jack Krause W9JK
George Philbert KA9MXM
Jerry Reidel KA9AJF
Richard Schlatterer KA9MTY
Ed Wille W9PWG
Roger Zaun W9UVV
License Classes:
Harry Cieszki KD9AJ
Fred Krause W9VLK
Class Instructors:
Dave DeFebo WB9BWP
Vern Petersen W9PGL
Ed Seruga KE9JJ
Chatter - Harry Cieszki KD9AJ
Auction - J. Travis Baird W9VQD
Field Day - Jerry Reidel KA9AJF
VEC - Jack Krause W9JK

1989-1990

Pres - Harry Cieszki KD9AJ
1st VP - J. Travis Baird W9VQD
2nd VP - Emerend Bude K9HJH
Secretary - Ed Seruga KE9JJ
Treasurer - Fr. William Kidd NE9W
Chairman - Ted Stiller WA9RDI
Directors:
Jack Krause W9JK
George Philbert KA9MXM
Joe Rayome KE9LL
Kelly Schafer N9HBN
Richard Schlatterer KA9MTY
Ed Wille W9PWG
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
Chatter - Harry Cieszki KD9AJ
PR - Kelly Schafer N9HBN
Auction - J. Travis Baird W9VQD
VEC - Jack Krause W9JK

1990-1991

Pres - Ed Wille W9PWG
1st VP - J. Travis Baird W9VQD
2nd VP - Fred Linn W9NZF
Secretary - Ed Seruga KE9JJ
Treasurer - Dean Kiefer KB9DNE
Chairman - Ted Stiller WA9RDI
Directors:
Jack Krause W9JK
Marv Rutishauser WB9PKL
Kelly Schafer N9HBN
Richard Schlatterer KA9MTY
Roger Zaun W9UVV
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
Joe Rayome KE9LL
Chatter - Joe Rayome KE9LL
Archive Custodian - Fred Mikolajewski WD9IYA
VEC - Jack Krause W9JK

1991-1992

Pres - Ed Wille W9PWG
1st VP - J. Travis Baird W9VQD
2nd VP - Fred Linn W9NZF
Secretary - Ed Seruga KE9JJ
Treasurer - Dean Kiefer KB9DNE
Chairman - Ted Stiller WA9RDI
Directors:
Paul Boese KB9FBM
Jack Krause W9JK
Joe Rayome KE9LL
Marv Rutishauser WB9PKL
Orv Stewart KA9ONQ
Roger Zaun W9UVV
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
Joe Rayome KE9LL
Chatter:
Joe Rayome KE9LL
Orv Stewart KA9ONQ (mailing)
Field Day:
Tom Fuszard N9MGZ
Ted Stiller WA9RDI
VEC - Jack Krause W9JK
Les Peterson W9YCV
Archive Custodian - Fred Mikolajewski WD9IYA

1992-1993

Pres - Ed Wille W9PWG
1st VP - J. Travis Baird W9VQD
2nd VP - Roger Zaun W9UVV
Secretary - Fred Linn W9NZF
Treasurer - Dean Kiefer KB9DNE
Treasurer - Orv Stewart KA9ONQ (10/92)
Chairman - Ted Stiller WA9RDI
Directors:
Paul Boese KB9FBM
Pancho Doneis KA9OFA (extra added by Ed Wille W9PWG)
Tom Fuszard KF9PU
Bill Jones KF9FA
Kate Kedney KA9MWT
Jack Krause W9JK
Joe Rayome KE9LL
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
Joe Rayome KE9LL
Field Day:
Tom Fuszard N9MGZ
Archive Custodian - Fred Mikolajewski WD9IYA
Chatter - Joe Rayome KE9LL
VEC:
Jack Krause W9JK
Les Peterson W9YCV

1993-1994

Pres - Ed Wille W9PWG
1st VP - J. Travis Baird W9VQD
2nd VP - Roger Zaun W9UVV
Secretary - Fred Linn W9NZF
Treasurer - Orv Stewart KA9ONQ
Chairman - Ted Stiller WA9RDI
Directors:
Paul Boese KB9FBM
Pancho Doneis KA9OFA
Tom Fuszard N9MGZ
Bill Jones KF9FA
Kate Kedney KA9MWT
Jack Krause W9JK
Joe Rayome KE9LL
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
Vern Petersen W9PGL
JimTromblay WB9LNU
Ed Wille W9PWG
Field Day:
Jim Tromblay WB9LNU
Wayne Schrubbe N9RXB
Chatter - Pancho Doneis KA9OFA
VEC:
Jack Krause W9JK
Les Peterson W9YCV
Historian - Jim Tromblay WB9LNU

1995-1996

Pres - Ed Wille W9PWG
1st VP - J. Travis Baird W9VQD (SK)
2nd VP - Roger Zaun W9UVV
Secretary - Fred Linn W9NZF
Treasurer - Orv Stewart KA9ONQ
Treasurer – Ken Eggert W9MOT (10/94)
Directors:
Pancho Doneis KA9OFA
Dave DeFebo WB9BWP
Ken Eggert W9MOT (became Treasurer)
John Merkl WB9PSE (replaced W9MOT)
Richard Schlatterer KA9MTY
Jerry Thompson WA9SFH
Jim Tromblay WB9LNU
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
JimTromblay WB9LNU
Field Day - Jim Tromblay WB9LNU
Chatter - Pancho Doneis KA9OFA
Chatter Mailings:
Richard Schlatterer KA9MTY
Jerry Thompson WA9SFH
VEC:
Jack Krause W9JK
Les Peterson W9YCV
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
JimTromblay WB9LNU
Ed Wille W9PWG
Historian - Jim Tromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU
Repeater – Jim Tromblay WB9LNU

1996-1997

Pres - Ed Wille W9PWG
1st VP - Dave DeFebo WB9BWP
2nd VP - Kate Kedney KA9MWT
Secretary - Jim Tromblay WB9LNU
Treasurer - Ken Eggert W9MOT
Directors:
Carlos Barron KG9FC
Pancho Doneis KA9OFA
Fred Linn W9NZF
Richard Schlatterer KA9MTY
Jerry Thompson WA9SFH
Roger Zaun W9UVV
Field Day:
JimTromblay WB9LNU
John Merkl WB9PSE
VEC:
Jack Krause W9JK
Ed Wille W9PWG
License Classes - Dave DeFebo WB9BWP
Class Instructors:
Dave DeFebo WB9BWP
JimTromblay WB9LNU
Ed Wille W9PWG
Chatter - Pancho Doneis KA9OFA
Roster and Member Database:
Jerry Thompson WA9SFH
Richard Schlatterer KA9MTY
Historian - JimTromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU

1997-1998

Pres - Ed Wille W9PWG
1st VP - Dave DeFebo WB9BWP
2nd VP - Kate Kedney KA9MWT
Secretary - Jim Tromblay WB9LNU
Treasurer - Ken Eggert W9MOT
Directors:
Carlos Barron KG9FC (resigned)
Pancho Doneis KA9OFA
Rick Kissell WB9GYT
Fred Linn W9NZF
Matt Planning KB9PRC
Don Virlee KG9II (replaced KG9FC resigned)
Roger Zaun W9UVV
Field Day:
Richard Schlatterer KA9MTY
JimTromblay WB9LNU
Repeater:
Ed Wille W9PWG
Jim Tromblay WB9LNU
Chatter - Pancho Doneis KA9OFA
VEC - Ed Wille W9PWG
Raffle – Tom Sherlowsky N9UFJ
Historian - JimTromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU

1998-1999

Pres - Dave DeFebo WB9BWP
1st VP - Matt Planning KB9PRC
2nd VP - Brian White KB9LCQ
Secretary - Jim Tromblay WB9LNU
Treasurer - Ken Eggert W9MOT
Directors:
Mark Bye KB9LDX
Pancho Doneis KA9OFA
Al Drobac AA9XH
Rick Kissell WB9GYT
Dick McNew WB9PTC
Jerry Melotik KC9EV
Ed Wille W9PWG
Chatter - Pancho Doneis KA9OFA
Field Day:
John Merkl WB9PSE
Matt Planning KB9PRC
VEC - Ed Wille W9PWG
Raffle – Tom Sherlowsky N9UFJ
Historian - JimTromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU

1999-2000

Pres - Dave DeFebo WB9BWP
1st VP - Matt Planning KB9PRC
2nd VP - Brian White KB9LCQ
Secretary - Jim Tromblay WB9LNU
Treasurer - Ken Eggert W9MOT
Directors:
Barbara Brewer KB9TIV
Pancho Doneis KA9OFA
Al Drobac AA9XH
Dick McNew WB9PTC
Jerry Melotik KC9EV
Tom Fuszard KF9PU
Kate Kedney KA9MWT (replacing KC9EV SK)
Field Day - Jerry Melotik KC9EV
Chatter - Pancho Doneis KA9OFA
VEC:
John Kraak KF9XL
Tom Fuszard KF9PU
Repeater – Jim Tromblay WB9LNU
Raffle – Tom Sherlowsky N9UFJ
Historian - JimTromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU

2000-2001

Pres - Dave DeFebo WB9BWP
1st VP - Matt Planning KB9PRC
2nd VP - Brian White K9LCQ
Secretary - Jim Tromblay WB9LNU
Treasurer - Lester Hundt KB9QZQ
Directors:
Barbara Brewer KB9TIV
Pancho Doneis KA9OFA
Ken Eggert W9MOT
Tom Fuszard KF9PU
Kate Kedney KA9MWT
John Merkl WB9PSE (replaced AA9XH resigned)
VEC:
John Kraak KF9XL
Tom Fuszard KF9PU
License Classes - Ken Caruso KS4NX
Class Instructors:
Ken Caruso KS4NX
Brian White K9LCQ
Sherm Swanson KB9Q
Barbara Brewer KB9TIV
On Air Code Practice - Dick McNew WB9PTC
Repeater:
Matt Planning KB9PRC
Dave DeFebo WB9BWP
Field Day – Brian White K9LCQ
Chatter - Pancho Doneis KA9OFA
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
Historian - JimTromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU

2001-2002

Pres - Dave DeFebo WB9BWP
1st VP - Matt Planning KB9PRC
2nd VP - Brian White K9LCQ
Secretary - Jim Tromblay WB9LNU
Treasurer - Lester Hundt KB9QZQ
Directors:
Pancho Doneis KA9OFA
Ken Eggert W9MOT
Tom Fuszard KF9PU
Kate Kedney KA9MWT
John Merkl WB9PSE
Tom Schulte KB9RLB
VEC:
John Kraak KF9XL
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
Repeater:
Matt Planning KB9PRC
Dave DeFebo WB9BWP
Mark Tellier AB9CD
Repeater Advisor - Dave Karr KA9FUR
License Classes - Ken Caruso KS4NX
Class Instructors:
Ken Caruso KS4NX
Bill Lubitz W9EMC
Brian White K9LCQ
Barbara Brewer KB9TIV
Field Day - Matt Planning KB9PRC
Chatter - Pancho Doneis KA9OFA
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
Historian - JimTromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU
Web Site - Howard Parks AB9FH

2002-2003

Pres - Patrick Moretti W9UQ
VP - Mark Tellier AB9CD
Secretary - Tom Schulte KB9RLB
Treasurer - Lester Hundt AB9EY
Directors:
Pancho Doneis KA9OFA
Tom Fuszard KF9PU
John Merkl WB9PSE
Brian White K9LCQ
Chatter - Pancho Doneis KA9OFA
VEC:
John Kraak KF9XL
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
Repeater:
Matt Planning KB9PRC
Dave DeFebo WB9BWP
Mark Tellier AB9CD
Repeater Advisor - Dave Karr KA9FUR
License Classes - Mark Tellier AB9CD
Class Instructors:
Patrick Moretti W9UQ
Mark Tellier AB9CD
Brian White K9LCQ
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
Historian - JimTromblay WB9LNU
License Trustee - Jim Tromblay WB9LNU
Web Site - Howard Parks AB9FH
85th Anniversary Special Event:
Tom Schulte KB9RLB
Brian White K9LCQ
85th Anniversary Special Event Operators:
Mark Bye KB9LDX
Dave DeFebo WB9BWP
Tom Fuszard KF9PU
Tom Schulte KB9RLB
Sherm Swanson KB9Q
Mark Tellier AB9CD with Matt Planning KB9PRC

2003-2004

Pres:
Patrick Moretti W9UQ resigned
Kevin Reeme KC9BZU acting
VP – Kevin Reeme KC9BZU
Secretary - Tom Schulte KB9RLB
Treasurer - Mark Tellier AB9CD
Directors:
Pancho Doneis KA9OFA
Tom Fuszard KF9PU
John Merkl WB9PSE
Jerry Wahlen WA9CGE
Brian White K9LCQ
Dick Wood W9JBE
Chatter - Pancho Doneis KA9OFA
VEC:
John Kraak KF9XL
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Dave Schank KA9WXN
Dave Karr KA9FUR
License Classes - Mark Tellier AB9CD
Class Instructors:
Patrick Moretti W9UQ
Mark Tellier AB9CD
Brian White K9LCQ
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
License Trustee - Jim Tromblay WB9LNU
Web Site - Howard Parks AB9FH

2004-2005

Pres - Patrick Moretti W9UQ
VP - Howard Parks AB9FH
Secretary - Brian White K9LCQ
Treasurer - Tom Schulte KB9RLB
Directors:
Pancho Doneis KA9OFA
Hal Newton KB9OZN
Joe Sturmberg KA9DFZ
Jerry Wahlen WA9CGE
Dick Wood W9JBE
Chatter - Pancho Doneis KA9OFA
VEC:
John Kraak KF9XL
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
License Classes - Howard Parks AB9FH
License Trustee - Jim Tromblay WB9LNU
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Brian White K9LCQ
Jerry Wahlen WA9CGE
Dave Karr KA9FUR
Dave Schank KA9WXN
FM Simplex Contest:
Sherm Swanson KB9Q
Mark Tellier AB9CD
Field Day - Jerry Wahlen WA9CGE
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
ARES DEC – Gary Payne N9VE
Historian - Dave DeFebo WB9BWP
Web Site - Howard Parks AB9FH

2005-2006

Pres - Patrick Moretti W9UQ
VP - Howard Parks AB9FH
Secretary - Brian White K9LCQ
Treasurer - Tom Schulte KB9RLB
Directors:
Pancho Doneis KA9OFA
Hal Newton KB9OZN
Joe Sturmberg KA9DFZ (resigned 9/05)
Jerry Wahlen WA9CGE
Dick Wood W9JBE
Charles Grady KC9IIV (Jan 06-June 06)
Chatter - Pancho Doneis KA9OFA
VEC:
John Kraak KF9XL
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
Question Pool Interface: Dave DeFebo WB9BWP
License Classes - Howard Parks AB9FH
On Air Code Practice:
Dick McNew WB9PTC
Milan Levrich N9IDX
"Buck" Buchwald K9RYW
License Trustee - Jim Tromblay WB9LNU
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Brian White K9LCQ
Jerry Wahlen WA9CGE
Dave Karr KA9FUR
Dave Schank KA9WXN
FM Simplex Contest:
Sherm Swanson KB9Q
Mark Tellier AB9CD
Field Day - Jerry Wahlen WA9CGE
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
ARES DEC – Gary Payne N9VE
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Web Site - Howard Parks AB9FH

2006-2007

Pres - Howard Parks AB9FH
VP - Joe Schwarz, N9UX
Secretary:
Charles Grady KC9IIV (resigned)
Sarah Parks KB9ZNC (1/07-)
Treasurer:
Sarah Parks KB9ZNC (6/06-12/06)
Mark Tellier AB9CD (3/07-)
Directors:
Pancho Doneis KA9OFA
Tom Liebe WI9TOM
Ted Stiller WA9RDI
Jerry Wahlen WA9CGE
Dick Wood W9JBE
Chatter - Pancho Doneis KA9OFA
VEC:
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
License Classes - Howard Parks AB9FH
On Air Code Practice:
Dick McNew WB9PTC
"Buck" Buchwald K9RYW
Bob Immekus W9CYI
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Brian White K9LCQ
Jerry Wahlen WA9CGE
Dave Schank KA9WXN
Dave Karr KA9FUR
FM Simplex Contest:
Joe Schwarz, N9UX
Jeff Annis, K9VS
Sherm Swanson KB9Q
Mark Tellier AB9CD
Field Day:
Pancho Doneis KA9OFA
Jim Tromblay WB9LNU
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
ARES DEC – Gary Payne N9VE
ARES Milw Co. EC – Dan Workenaour N9ASA
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Web Site - Howard Parks AB9FH

2007-2008

Pres - Howard Parks AB9FH
VP - Joe Schwarz, N9UX
Secretary:
Sarah Parks KB9ZNC (1/07-)
Treasurer:
Howard Parks AB9FH (1/07-6/07)
Mark Tellier AB9CD (6/07-)
Directors:
Brian Bieger KC9HEK
Pancho Doneis KA9OFA
Tom Liebe WI9TOM
Al Maahs KC9IJJ
Ted Stiller WA9RDI
Chatter - Pancho Doneis KA9OFA
VEC:
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
License Classes:
Howard Parks AB9FH
Mark Tellier AB9CD
On Air Code/Theory Instruction:
Dick McNew WB9PTC
Peter Chiu KC9IJH
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Dave Schank KA9WXN
FM Simplex Contest:
Joe Schwarz, N9UX
Jeff Annis, K9VS
Field Day:
Pancho Doneis KA9OFA
Jim Tromblay WB9LNU
Field Day Computer Operations: Larry Noldan NZ9I
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
ARES DEC – Gary Payne N9VE
ARES Milw Co. EC – Dan Workenaour N9ASA
Ken Hahn WK9H (11/07-)
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Web Site – Brian White K9LCQ

2008-2009

Pres - Howard Parks AB9FH
VP – Brian Bieger KC9HEK
Secretary - Sarah Parks KB9ZNC
Treasurer - Mark Tellier AB9CD
Directors:
Dave DeFebo WB9BWP
Pancho Doneis KA9OFA (resigned 7/08)
Bob Fetterly N9HWB (appointed 8/08, SK 9/08)
Mike Harris KC9CMT (appointed 1/09)
Al Maahs KC9IJJ
Dave Schank KA9WXN (appointed 1/2009 till 2010)
Ted Stiller WA9RDI (resigned 8/08)
Brian White K9LCQ (1 yr term remaining of Brian Bieger who became VP)
Chatter - Pancho Doneis KA9OFA (resigned (7/08)
Brian White K9LCQ (1/2009-)
VEC:
Tom Fuszard KF9PU
Tom Czaja KG9EE
Mark Tellier AB9CD
Larry Nolan NZ9I
License Classes:
Mark Tellier AB9CD
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Dave Schank KA9WXN
FM Simplex Contest:
Joe Schwarz, N9UX
Jeff Annis, K9VS
Field Day:
Pancho Doneis KA9OFA
Jim Tromblay WB9LNU
Field Day Computer Operations: Larry Noldan NZ9I
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
ARES DEC – Gary Payne N9VE
ARES Wi SEC - Gary Payne N9VE (1/1/09)
ARES Milw Co. EC – Dan Workenaour N9ASA
Ken Hahn WK9H (11/07-5/08)
ARES Waukesha Co. EC – Larry Noldan NZ9I
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Web Site – Brian White K9LCQ

2009-2010

Pres - Howard Parks AB9FH (resigned 3/09)
Pres - Brian Bieger KC9HEK (3/09)
Pres – Mark Tellier AB9CD (by special election 5/09)
VP – Brian Bieger KC9HEK
VP - Brian White K9LCQ (appointed 3/09)
Secretary - Sarah Parks KB9ZNC (resigned 5/09)
Secretary - Mike Harris KC9CMT
Treasurer - Mark Tellier AB9CD
Directors:
Dave DeFebo WB9BWP
Mike Harris KC9CMT (became Secretary)
Al Maahs KC9IJJ
Hal Newton KB9OZN (appointed 1/2010)
Howard Parks AB9FH (resigned 9/09)
Duane Runnells KC9MJJ (appointed 11/09)
Dave Schank KA9WXN (appointed 1/2009)
Chatter:
Brian White K9LCQ
Mike Harris KC9CMT (4/09)
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Dave Schank KA9WXN
FM Simplex Contest:
Joe Schwarz, N9UX
Jeff Annis, K9VS
Field Day:
Mark Tellier AB9CD
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
Meeting Refreshments - Mike Harris KC9CMT
ARES Wi SEC - Gary Payne N9VE (1/1/09)
ARES Waukesha Co. EC – Larry Noldan NZ9I
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Web Site: Brian White K9LCQ
Joe Schwarz, N9UX (10/09)

2010-2011

Pres - Dave DeFebo WB9BWP
VP –
Secretary - Mike Harris KC9CMT
Treasurer -
Directors:
Al Maahs KC9IJJ
Hal Newton KB9OZN
Duane Runnells KC9MJJ (resigned 9/10)
Dave Schank KA9WXN
Mark Tellier AB9CD
Chatter:
Mike Harris KC9CMT
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Dave Schank KA9WXN
FM Simplex Contest:
Joe Schwarz, N9UX
Jeff Annis, K9VS
Field Day:
Dave Schank KA9WXN
Al Maahs KC9IJJ
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
Meeting Refreshments - Mike Harris KC9CMT
ARES Wi SEC - Gary Payne N9VE (1/1/09)
ARES Waukesha Co. EC – Larry Noldan NZ9I
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Member / Mailing list – Mike Harris KC9CMT
Web Site:
Joe Schwarz, N9UX
Hamfest:
Mike Harris KC9CMT
Dave Schank KA9WXN

2011-2012

Pres - Dave DeFebo WB9BWP
VP –
Secretary - Mike Harris KC9CMT
Treasurer – Joe Schwarz N9UX (1/2012)
Directors:
Al Maahs KC9IJJ
Hal Newton KB9OZN
Dave Schank KA9WXN
Mark Tellier AB9CD
Dan Workenaour N9ASA (2/2012)
Chatter:
Mike Harris KC9CMT
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Dave Schank KA9WXN
FM Simplex Contest:
Joe Schwarz, N9UX
Jeff Annis, K9VS
Field Day:
Dave Schank KA9WXN
Al Maahs KC9IJJ
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
Meeting Refreshments - Mike Harris KC9CMT
ARES Wi SEC - Gary Payne N9VE (1/1/09)
ARES Waukesha Co. EC – Larry Noldan NZ9I
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Member / Mailing list – Mike Harris KC9CMT
Web Site:
Joe Schwarz, N9UX
Mark Tellier AB9CD (1/2012)
Hamfest:
Mike Harris KC9CMT
Dave Schank KA9WXN

2012-2013

Pres - Dave Schank KA9WXN
VP – Dan Workenaour N9ASA
Secretary - Mike Harris KC9CMT
Treasurer – Joe Schwarz N9UX
Directors:
Al Maahs KC9IJJ
Hal Newton KB9OZN
Mark Tellier AB9CD (resigned 1/2013)
Chatter:
Mike Harris KC9CMT
License Trustee - Dave DeFebo WB9BWP
Repeater:
Mark Tellier AB9CD
Dave DeFebo WB9BWP
Dave Schank KA9WXN
FM Simplex Contest:
Joe Schwarz, N9UX
Jeff Annis, K9VS
Field Day:
Dave Schank KA9WXN
Al Maahs KC9IJJ
Auction – Dave DeFebo WB9BWP
Raffle – Tom Sherlowsky N9UFJ
Meeting Refreshments - Hal Newton KB9OZN
Special Projects Committee:
Dave DeFebo WB9BWP
ARES Wi SEC - Gary Payne N9VE
ARES District EC – Larry Noldan NZ9I
Historian - Dave DeFebo WB9BWP
Yahoo Group - Dave DeFebo WB9BWP
Member / Mailing list – Mike Harris KC9CMT
Web Site:
Mark Tellier AB9CD
Hamfest:
Mike Harris KC9CMT
Dave Schank KA9WXN

Members Holding Positions with National Organizations

(2013)

MRAC members over the years have also held elected positions or appointments with national amateur radio organizations. The following list is just the first crack at listing them all in one place. We are still digging out the details, but thought you would like a prevue. As usual, if you have any information for this list, please let us know.

Clarence Crapo W9VD – Assistant Division Manager, Wisconsin Section ARRL 1925, ARRL Section Communications Manager (SCM) 1926-1932
Al Krones W9UIT (K9AA) – Wisconsin Section Communications Manager (SCM), ARRL 1939
Emil Felber W9RH – Wisconsin Section Communication Manager (SCM), ARRL 1944, Central Division Assistant Director, ARRL
Clyde Richelieu W9ARE – Central Division Director ARRL 1947-1949
Jack Doyle W9GPI – Central Division Director, ARRL 1949-1951, 1957-1963
Rich Regent - Wisconsin Section Manager ARRL
Roger Nielson N9DAA – ARRL VUCC Awards Manager 1983

Harry Paston W9DJV / W2OAA – Assistant Secretary ARRL 1951

Wendell Ciganek W9SYT - Emergency Coordinator Milwaukee County AREC 1942
Ralph Koenig W9RUF - Emergency Coordinator Milwaukee County AREC 1949-1951
Clarence O. Wahner W9YYY – Wisconsin Section Emergency Coordinator 1949-1951
Bernie Tower K9VPP - Wisconsin Section Emergency Coordinator 1964-1967
Dick Oberholtzer W9ZPV – Emergency Coordinator Waukesha County AREC 1966
Carl Rohde W9ROM – Emergency Coordinator Waukesha County AREC 1967
Bob Goldstein K9KJT – Emergency Coordinator Milwaukee County AREC 1960-1971
Dave Knaus WA9POV (NQ9A) – Emergency Coordinator Milwaukee County AREC 1971-1973
John Leekley WB9SMM - Emergency Coordinator Milwaukee/Waukesha County ARES 1978-1999, Southeastern Wisconsin District Emergency Coordinator ARES 19xx-2003, Wisconsin Section Emergency Coordinator ARES 19xx-2002
Gary Payne N9VE - Southeastern Wisconsin District Emergency Coordinator ARES 2003-2009?, Wisconsin Section Emergency Coordinator 2008-2009
Dan Workanhaur N9ASA – Emergency Coordinator Milwaukee County ARES 2002-2007
Ken Hahn WK9H – Emergency Coordinator, Milwaukee County ARES 2007-2008
Larry Noldan NZ9I – Emergency Coordinator Waukesha County ARES 2008-2012, Southeastern Wisconsin District Emergency Coordinator 2012-present

Bernie Tower K9VPP – Emergency Communications Chief Navy MARS -

Tom Fuszard KF9PU – Chairman National Council of Volunteer Examiner Coordinators (NCVEC) 2004-2009.

All Members of Milwaukee Radio Amateurs' Club

(2013)

While working on the 2007 version of the club history one day I got to thinking about maybe trying to list everyone who was ever a member of the club. While I was digging through some materials I had at home I came across a list which Jim Tromblay began listing members and the year they maybe first appeared in a roster. I say maybe as rosters were not always timely (especially in the early years and after 1980) and digging through Treasurer's records could take forever. Early records often did not list a call sign with a person's name. In the 1940s and 1950s there were often references to call signs without a name. A lot of cross referencing needs to be done. But it is a start. My work had begun (and was nowhere near being finished). Following is the list as it began in 2008 with additions for each year since (It's a big list, this will take some time). Thanks Jim.

It would be nice to have the last year they were a member, but that data could be impossible to come up with. The year first joined is shown (to the best of our knowledge). There are some blanks here as well as question marks. There is usually no indication as to if the person remained a member as many dropped out only to return at some later date. In a few instances there are 2 dates for year first joined, as we do know the person dropped out only to later return. Some people were a member for just one year. In fact at various times over the years, attending a license class also brought a one year membership which sometimes would inflate actual membership for that year. At least this provides some idea of who may have passed through the club over the years. As always, if you see any errors or know of any missing data (no offense is meant to anyone) please let us know. Currently 1127 past/current members appear in the list with many more to come!
(The list is presented in alphabetical order by call sign).

K9SUB			1960?
	Charles	Ainsworth	1923
	Harold	Anderson	1950
	Max	Bailey	1983
	C. F.	Bates	1919?
	Fred	Behm	1946
	Eugene	Berens	1947
	Richard	Berger	1948
	Ralph	Beter	1946
	William	Black	1946
	Woodley	Blackwell	1951
	Lynn	Boudreau	1982
	Dan	Brewster	1998
	John Milton	Brown	1946
	Jeff	Buckles	1978
	Marilyn	Bye	
	Clay	Cagnie	1998
	Ray	Charney	1942
	Clarence	Christiansen	1950
	Gerald	Clouser	1950
	Albert J.	Correa	1983
	Arthur	Couture	1950
	William	Cram	1923
	Ralph	Curcio	1946
	Scott	Daniels	1994
	Harold	Darnell	1946
	Johnye	Davidson	1980
	L. A.	Degner	1919?
	Charles	Dettmann	1980
	H. H.	Devendorf	1942
	Herman	Dustman	1946
	Dorothy	Eggers	1980
	Gerald	Ehley	1946
	Donald	Engel	1946
	V. J.	Fink	1947
	James	Flieger	1950
	Peter	Gaido	1946
	Donald	Goldman	1946
	Stanley	Grabski	1951
	Jerome	Greenblatt	1950
	M. B.	Grogan	1920?
	Ralph	Groth	1946
	Ambrose	Guriel	1950
	Elmer	Gutknecht	1982
	Ellen	Hallquist	1956
	Edward	Hartman	1947

	Donald	Haufschild	1948
	Donald	Hayner	1942
	Arthur	Helminiak	1946
	James	Hertel	
	George	Herzog	1946
	Louis	Heyman	1920?
	J. B.	Hitz	1917
	John	Holmes	1942
	Albert	Howe	1946
	Paul	Hutchins	1923
	Robert	Hutchinson	1947
	John	Jacobson	1951
	Edward	Kampa	1942
	Samuel	Katsekerrs	1942
	Earl	Kester	1948
	A. C.	Kletzsch	1917
	L. W.	Klingbiel	1920?
	Chester	Klofta	1948
	Frank	Kneiser	1942
	George	Koeppl	1948
	Lester	Kollie	1946
	Kennett	Kramer	1950
	Herbert	Kranitz	1946
	Emery	LaFave	1997
	R. F.	Laidlaw	1920?
	Kenneth	Le Gros	1946
	J. C.	Leissring	1950
	Luther	Lorance	1950
	A. Bertram	Lord	1919?
	Tom	Lowe	1951
	Charles	Mattias	1946
	Patrick	McCabe	1946
	Carl	McDonald	1951
	Mathew	McNew	1982
	Claude	Meier	1980
	George	Moe	1980
	Robert	Morton	1980
	Darren	Neahler	2010
	S. B.	Neff	1950
	Anthony	Nielson	1946
	Orlando	Nieman	1937
	Harold	Nitz	1948
	Leo	Northrup	1946
	Robert	Norton	1980
	Bob	Paquette	1982
	Alonzo	Pawling	1917
	R. A.	Pelishek	1919?
	Robert	Peterson	1946, 1960
	August	Piechowski	1950
	Robert	Podewils	1951
	Rudy	Poklar	1946
	Sister Melania	Popko	1980

	L. J.	Prahl	1919?
	Orville	Radke	1948
	Fred	Rahr	1946
	Terry	Ratzman	1980
	Jeff	Rearick	1980
	(Mrs.) R.	Reed	1930
	George	Reutenberg	1928
	Joseph	Riess	1937
	James	Rose	1937
	Alfred	Rosenau	1950
	Ronald	Rudolph	1980
	Robert	Sackett	1946
	Eugene	Sadowski	1980
	Robert	Schaack	1946
	Elmer	Schoepfer	1920
	Otto	Scholz	1928
	David	Schroeder	1994
	Armand	Schultz	1950
	Max	Schwarze	1946
	Ray	Scott	1948
	Robert	Seifert	1946
	William	Sell	1983
	Curtis	Shultz	1942
	Peter	Smith	1951
	Gilbert	Sonnenburg	1946
	John	Spratler	1942
	Werner	Stoehlker	1980
	Karl	Stong	1980
	H.	Tarkow	1930
	Ronald	Teofan	1956
	R. A.	Teschan	1919?
	David	Thielen	1980
	Rudolf	Tischan	1919?
	Leo	Topolinski	1946
	Robert	Ulik	1946
	Charles	Van Hecke	1952
	Theodore	Verhaalen	1952
	Frank	Vetzelk	1942
	Thomas	Weston	1919?
	Walter	Wetzel	1923
	Linda	White	1994
	Arthur	Wienke	1952
	Sister.M. Osanna	Wilson	1976
	Robert	Wood	1942
	Clarence	Yergens	1948
	Russell	Zehetner	1942
	William	Zieman	1942
9AAN	A.	Bruning	1928
9AFE	V.	Kerrigan	1928
9AFZ	Freemont	Schumck	1927
9ALG	E.	Passow	1928
9AOE	Dan	Gellrup	1917?
9ATX	R. E.	Lathrop	1928
9BBW	T.	Ward	1928

9BBY	Carl	Hatch	1925
9BKR	John	Meyer	1925
9CDT	Werner	Schultrich	1928
9CEB	J.	Buck	1928
9CMP	Charles	Polachek	1919
9CN	G. D.	Schmidt	1928
9CVI	Edward	Howell	1919?
9DEN	E.	Ralfsen	1928
9DKA	Jack	Pisfer	1928
9EFF	Henry	Martens	1928
9EGC	Gordon	Ferrin	1923
9HO	L. S. Hillegas	Baird	1917
9IJ	A.	Steig	1928
9OT	W. J.	Wiseman	1923
9OV	Cornelius	Prinslow	1919?
9SP (9TN)	Robert	Miregler	1919?
9SR	C. E.	Miller	1925
9VJ	E. E.	Enke	1928
9WD	K.	Jensen	1928
AA9CV	Vergil	McArthur	1995
AA9DO	Joseph	Mettry	2005
AA9OB (N9VMD)	George	Schlesinger	1994
AA9PC (WA9OKB)	Anton	Shemick	1971, 1980
AA9PH	Lon	Pachucki	2004
AA9VL	Clifford	Staeven	1996
AA9VO (KB9NRP)	Robert	Tisdale	1996
AA9XH (KB9NRS, KG9KB)	Allan	Drobac	1996
AB9CD	Mark	Tellier	2001
AB9EK (KB9RLB)	Thomas	Schulte	1999
AB9EY (KB9QZQ)	Lester	Hundt	2000
AB9EZ (N9VTN)	Robert	Hensiak	1993, 2001
AB9FH (KB9VJS)	Howard	Parks	1999
AB9G	John	Peterman	1994
AB9OO N9PSM	Mike	O'Donnell	1992
AD9J	Al	Roberts	1983
AE9G (K8PRV, W9IKK, KB9BS)	Hans	Schroeder	1983
AE9H (WB9FTC)	Jack	Becker	1980
AE9W	R. L.	Hicks	1980
AK4MI	Rodger	Boogren	2012
K0QLE	Jan	Mitchell	1960
K0RRP	Michael	Eagen	1999
K0TRH	Tomas	Haines	2011
K4HQY (W9GVL)	Charles	Meyer	1928
K4HXZ (W9SZH)	Dr. John	Wyman	1935
K4JXV	Jack	Daugherty	1980
K4PG (W9UH)	Lynn	Lewis	1946
K4TGH (W9NAV)	Hugh	Wilson	1937
K4VKW (N9DRX, KD9AJ)	Harry	Cieszki	1983
K5MAH	Margo	Haines	2011
K7GST (W9TPT)	Frank	Maiorana	1947
K7KCJ (W9PNC)	William	Birch	1950
K9AA (W9CM, W9UIT, W9ELD)	Aldrich	Krones	1931
K9AEV	Clarence	Green	1958
K9AFN	Leroy	Spanheimer	1958
K9AIC	Dave	Mountain	1961
K9AQK	Tom	Herzig	1958
K9AQX	Joseph	Ferris	1958
K9AYM	Robert	Cordes	1959
K9BAJ	Ned	Hollister	1958
K9BEL	Ronald	Sengbusch	1958
K9BHN	Dave	Kruschke	1957
K9BIW	Louis	Richards	1958
K9BKJ	Kenneth	Forbord	1958
K9BNM	Richard	Prunuske	1994
K9BSH	Norbert	Piotrowski	1956
K9BTG	John	Drengenberg	1958
K9BTT	Walter	Froehlich	1956
K9BUU	James	Schuster	1958
K9CAG	Larry	Zentgraf	1958
K9CAN	Richard	Scarvaci	1956
K9CET	Jack	King	1958
K9CEW	Darrell	Draeger	1958
K9CIJ	Louis	Wunsch	1983?
K9CJK	James	Buth	1955
K9CJP	Tony	Kuntz	1960?
K9CME	Lance	Kaufman	1958
K9CMX	Harold	Engelke	1964
K9COW	David	Ozonoff	1958
K9CUI	Erwin	Reiser	1960
K9DBV	Terrence	Thompson	1983
K9DCC	Edith	Roush	1964
K9DCD	Robert	Roush	1957
K9DD	Emmett	Koebel	1965
K9DGG	Raymond	Niver	1958
K9DNX	Joseph	Whiteside	1958
K9DSE	Gary	Pritzl	1958

K9DUQ	Hilbert	Haut	1958
K9EEO	George	Diderrich	1958
K9EEU	John	Mattick	1958
K9ELH	Robert	Stonek	1964
K9ENB	Charles	Porch	1958
K9EUZ	Frank	Stellch	1957
K9FI (KA9AJF)	Gerald	Riedel	1979
K9GDF	Richard	Regent	1958
K9GHT	Dale	Engler	1964
K9GKE	Robert	Ross	1964
K9GOS	Carl	Schultz	1958
K9GSO	Leo	Gering	1958
K9HGJ	Roy	Freeman	1957
K9HJ	Herb	Schoeder	1980
K9HJH	Emerend	Bude	1977
K9HXA	Gerald	Kraczek	1957
K9ISI	Bruce	Weitermann	1969
K9IWC	C. Reid	Whipple	1978
K9IWD	Billy	Helm	1958
K9IZV	Warren	Schall	1993
K9JGT (W2BDV)	William	Thompson	1964
K9JHS	Alfred	Rehorst	1957
K9JLD	Jan	Dunham	2010
K9JQB	Harold	Hill	1958
K9JT (K9ZYS)	James	Taylor	1966
K9JYX	Donald	Evenson	1966
K9KBL	Bob	Schwarz	1983
K9KDN	Kevin	Naker	2009
K9KGC	Ron	Gorski	1961
K9KGQ	John	Ureg	1983
K9KJT	Robert	Goldstein	1959
K9KLM	Bernard	Moores	1960
K9KPR	Deanna	Atwood	
K9KSA	Donald	Stenz	1964
K9LCQ (KB9LCQ)	Brian	White	1996
K9LJ	Len	Kelter	1998
K9LQ (KB9SLC)	Alfred	Huwald	1998
K9MKC	Dennis	Brechlin	1969
K9MTM	John	Halser	1959
K9OLR	Donald	Grenda	1959
K9OXH	Samuel	Saffro	1961
K9PSU	John	Czarnecki	1960
K9PSX	Everett	Hokanson	1964, 2001
K9PYY	Sherman	Hochman	1959
K9QIL	Ernest	Jensen	1976
K9RRW	Dick	Schmid	1964
K9RW	Robert	Schroeder	1980
K9RYW	Helmut "Buck"	Buchwald	1997
K9RZB (KN9RZB)	Gary	Steele	1960
K9TNN (KA9LUW)	Nicholas	Broncatti	2001
K9TTQ	Erich	Ziemann	1959
K9UDE	Lloyd	Olson	1937
K9UGD	Jim	Cronin	2003
K9UML	Robert	Willett	1964
K9UVM	Vernon	Hazlett	1994
K9VNM	Allen	Albringer	1967
K9VS	Jeff	Annis	2003
K9WIG	Thomas	Hamilton	1967
K9WII	Mike	Ansfield	1961
K9WRU	Lee	Mushel	196?, 1976
K9WUF	John	Lorbiecki	1946
K9XU (WA9TGI, AA9XU)	Richard	Adduci	2000
K9YZI	Waldemar	Hobach	1964
K9ZPP	Bernard	Tower	1964
K9ZZ (KB9PRG, AA9VC)	Scott	Frakes	1997
KA1RB (W9UQ WB1BZJ, KA1RB)	Patrick	Moretti	2000
KA9AAB	Robert	Denneay	2008
KA9AIW	Marcel	Lachenmanne	1983
KA9BKQ	Janet	Klug	1980
KA9BOF	Richard	Assenheimer	1980
KA9BON	Jeffery	Jackson	1980
KA9BXB	Ralph	Hinds	1980
KA9CAC	Walter	Schultz	1980
KA9CEI	Victor	Beyer	1980
KA9CVL	Richard	Villa	1991
KA9DAW	Thomas	Gancarcik	1980
KA9DBL	Thomas	Lux	1983
KA9DFZ	Joe	Sturmberg	1980
KA9DHC	Norman	Roth	1983
KA9DLK	John	Peterson	2001
KA9DMP	Marie	Leekley	1983
KA9DMQ (W9GMM)	Herbert	Heimann	1946, 1980
KA9DNL	John E.	Lorbiecki	1980
KA9DUK	Barry	Zolo	1980
KA9EHC	Ervin	Kobb	1980
KA9FTH	Walt	Prybylowski	1983
KA9FVC	John	Picciolo	1991
KA9GRJ	Esthetial	Ford	1983
KA9GVW	Ray	Klinkosh	1980
KA9GYE	Lois	Oliver	1983
KA9ICC	Marvin	Luecke	1980
KA9IWS	William	Joyce	1979

KA9IZT	Matthew	Weiler	1983
KA9IZV	Richard	Silberman	1983
KA9JAA	Carol	Heinen	1980
KA9JCP	Ron	Crown	1983
KA9KIQ	Daniel	Dalton	1980
KA9LDT	Herbert	Stich	1984
KA9LTQ	Gerald	Eide	1983
KA9LXP (now K5LXP)	Mark	Brueggemann	1983
KA9MTY	Richard	Schlatterer	1982
KA9MWT	Kate	Kedney	1991
KA9MWV	Myron	Hendrickson	1993
KA9MXM	George	Philbert	1983
KA9MXN	Chester	Huber	1983
KA9NVY	Montgomery	Sykes	1983
KA9OFA	Armin (Pancho)	Doneis Jr.	1985
KA9ONQ	Orv	Stewart	1990
KA9PCJ	Harold	Hacka	1991
KA9QKQ	Lon	Voils	1989
KA9SQP	Frank	Smith	1991
KA9TXU	Robert	Brown	1994
KA9USA	Harold	Mayer	1991
KA9WOC	Cheryl	Riedel	
KA9WXN	David	Schank	2006
KA9ZMK	Delbert	Clark	1987
KB4QXV	Bernard	Shuster	1986
KB9ADH	August	Ferber	1988
KB9BK	Kevin B.	Edwards	2005
KB9BXC	Randy	Fahrenkrug	1989
KB9ECA	Rod	Sherman	1988
KB9FBM	Paul	Boese	1991
KB9FOQ (W9LAK)	Phillip	Lehmann	1991, 1950
KB9FUZ	Earl	Winkel	1993
KB9G	Marshall	Dolgin	
KB9GQX	Norman	Russell	1993
KB9IIG	David	Wester	1994
KB9IIH	James	Schmidt	1995
KB9IQQ	Bob	Smitko	1994
KB9IRH	Jan	Kanieski	1993
KB9JBD	Leroy	Shuber	1994
KB9JBG	Fred	Recklies	1994
KB9JML	Bette	Schlesinger	1994
KB9KYI	Ron	Hagen	1996
KB9LDX	Mark	Bye	1996
KB9MMA	Jim	Markstrom	2012
KB9MMI	Mike	McKenna	1996
KB9NCY	Robert	Ranney	
KB9NYQ	Ken	Douglas	1998
KB9OC (WB9BGJ)	Sus	Musashi	1969
KB9OK	Rudolph	Hilsman	1983
KB9OM	John	Fiscus	1983
KB9OPT	Terry	Putchinski	1996
KB9OSA	Richard	Wyble	1996
KB9OSB (KA9MWU)	Michael	Plichta	1983
KB9OZN	Harold (Hal)	Newton	1995
KB9POX	John	Galbraith	1996
KB9PRC	Matthew	Planning	1996
KB9PRD	Donald	Meurer	1996
KB9PRF	David	Griffin	1997
KB9PSE	Michael	Vitale	
KB9Q	Sherm	Swanson	2000
KB9QL	Norman	McNew	1994
KB9QMV	Thomas	Barrett	1997
KB9QZS	Floyd I.	Urbaniak	1999
KB9RVP	Peter	Mihas	1992
KB9TIV	Barbara	Brewer	1998
KB9VJN	Mark	Borski	2001
KB9VNE	Robert	Gorski	1999
KB9VXN	Robert	Diehl	2000
KB9XR	Robert	Shady	1991
KB9YLF	Woodrow	Wilson	2001
KB9YXB	Michael	Tyborski	2001
KB9YXP	Geoff	Gariner	2001
KB9ZEW	William	Beebe Jr.	2001
KB9ZEX	Eric	Zentner	2001
KB9ZEZ	Robert	Loescher	2001
KB9ZFA	Jennifer	Kunde	2001
KB9ZH	John	McCartney	1983
KB9ZHW	Kelly	Reeves	2001
KB9ZNC	Sarah	Parks	1999
KB9ZUH	Carol	Gariner	2001
KC0EKG (KB9KXX)	Beverly	Baum	1995
KC9AMH	Steven	Gagnon	
KC9AMI	Oscar	Froehlich	2001
KC9AMJ	Rich	Lubinski	2001
KC9AVZ	George	Kasica	
KC9BZU	Kevin D.	Reeme	2002
KC9CB	Daniel	Merritt	1983
KC9CEQ	Charles	Kremer	2002
KC9CI	Phillip	Rebensburg	1983
KC9CMT	Michael	Harris	
KC9EGH	David	Vigue	1994, 2003
KC9EOW	Cathy	Markstrom	2012
KC9EPA	Sandra	Schlaugat	2003
KC9EV	Gerald	Melotik	1980
KC9FMC	John	Smith	2008
KC9FTE	Joe	Dragotta	2009
KC9GSW	John	Blimke	2005
KC9HEK	Brian	Bieger	2007

KC9IIV	Charles	Grady	2006
KC9IJJ	Al	Maahs	2006
KC9JET	Paul	Hass	2006
KC9JWY	Robert	Scott	
KC9KER	Allen	Schultz	
KC9KPS	David	White	
KC9MJJ	Dwain	Runnells	2008
KC9MJO	John	Jurek	2007
KC9MXZ	Ken	Jaeger	2010
KC9POP	Sam	Markstrom	2012
KC9QFU	Joseph	Schneider	2010
KC9QV	Kenneth	Rugaber	1983
KC9SHB	Dale	Webler	2011
KC9TGE	David	Lofy	2011
KC9TZJ	Darren	Beahler	2010
KC9UDS	Tony	Van Der Wal	2011
KC9UDX	Matt	Widup	2012
KC9VAF	Bill	Satterlee	2012
KC9WV (KA9FVD)	Stan	Kotecki	1983
KC9WW (WN9LKS, WD9IYA)	Fred	Mikolajewski	1979
KD9FK	Donald	Behrens	1991
KD9FU	Robert	Ware	1998
KD9Y	Roland	Marks	
KE4IWZ	Glynn	Hamilton	
KE9CR	Brooks	Blanchard	1985
KE9JJ (W9LIU, N9DNM)	Ed	Seruga	1951, 1982
KE9LL	Joseph	Rayome	1987?
KE9PX	Chris	Ahl	1989
KF9FA (KB9DCZ)	William	Jones	1989
KF9PU (N9MGZ)	Tom	Fuszard	1991
KF9PX	Richard	Petzold	1994
KF9XL (KB9ITG)	John	Kraak	1994
KG8AZ (N9MTP)	Thomas	Hart	1991
KG9EE (N9ZTW)	Tom	Czaja	2000
KG9FC (N9MYL)	Carlos	Barron	1993
KG9GL	David	Go	1995
KG9II	Donald	Virlee	1993
KH6EVK (K5CWM, W9EKU)	Eugene	Wille	1946
KH6HGJ	William	Stone	1976
KL7AHQ/9	William	Whitworth	1952
KN9BUU	Jim	Schuster	1956
KN9ESA	Don	Kreitlow	1961
KN9GKF	Donald	Reinke	1958
KN9GMM	George	Brock	1958
KN9IAR	Larry	Brezan	1958
KN9INP	Gordon	Jaworski	1958
KN9IVL	Richard	Junek	1956
KN9JXD	Len	Mitchell	1957
KN9KAI	Michael	James	1958
KQ9M	Paul	Reinholz	1983
KS4NX	Ken	Caruso	1999
KX6DC (W9ANA)	Louis	Wollaeger	1929, 1942
LU8FGK/W9	Arturo	Southam	1980
N9AAI	Chester	Rainek	1978
N9AGO	Bill	Longe	1989
N9APE	Elizabeth	Vetter	1980
N9ARC	Edward	Vetter	1980
N9ASA	Dan	Workenaour	2006
N9AXW	Bob	Bukosky	1983
N9BBC	Dr. George	Berglund	1980
N9BBR	Joseph	Gasiorowski	1980
N9BE	William	McLane	1978
N9BJI	Joe	Bodeau	2008
N9BKB	Edmund	Makowski	1983
N9BKW	Thomas	Ferderbar	1983
N9BTK	Richard	Wales	1980
N9BWT	Fred	Wilde	1979
N9BZD	Richard	Demski	1983
N9DAA	Roger	Nielsen	1983
N9DIF	Brett	Stone	1983
N9DKW	George	Winters	1983
N9EAV	Gorden	Perrow	1994
N9FHQ	Ed	Wroblewski	1991
N9FPG	James	Harrington	1991
N9FSE	Steve	Sundquist	2005
N9HBN	Kelly	Schaefer	1989
N9HIL	Hence	Wofford	1991
N9HIP	Jack	Pierce	2000
N9HWB	Robert	Fetterly	1989, 2007
N9IDX	Milan	Levrich	
N9IJW	Thomas	Fenno	1989
N9INT	Donna	Cieszki	1989
N9IOI (KB9CPV)	Flash	Gordon	1989
N9IWK	George	Devich	1991
N9JFA	John	Wilhelm	1991
N9KHE (WN9ECP)	Russell	Burlingame	1969, 1987
N9KWY	Christine	Walloch	1991
N9KXA	Bradley	Reeves	2005
N9KY (W9LUR)	William	Witt	1976
N9LAD	Ralph	Doll	2012
N9LBO	Keith	Basting	1991

N9MN (WB9MSL)	Don	Duckett	1978
N9NLK	Joseph	O'Farrell, Jr	1994
N9NRJ	Brian	Pugens	1991
N9PAF	James	Perkins	2008
N9QA (WA9POV)	Dave	Knaus	1971
N9QIT	Bessie	Beider	1991
N9QLE	Ralph	Mason	1997
N9RTL	Byron	Bye Jr.	1989
N9RTM	Erich	Berman	2008
N9RXB	Wayne	Schrubbe	1982, 1994
N9SNB	Terrence	Rybacki	1994
N9SVE	Mark	Heilmann	2009
N9UFJ	Thomas	Sherlowsky	1993
N9UFL	Pat	Wilken	1993
N9UNS	Bill	Tromblay	1993
N9UNT	James	Tromblay Jr.	1994
N9UR	Bruce	Wade	
N9USA	Joe	Ruderer	1996
N9UX	Joseph	Schwarz	2003
N9VE	Gary	Payne	2003
N9VME	Raymond	Gabik	1993
N9VNS	Randall	Williams	1994
N9VUV	Tim	Davis	1994
N9ZJD (N9JD)	John	Kopmeier Jr	1994
NE9W	Fr William	Kidd, S.J.	1983
NK9O	Arnie	Lausevich	1991
NW9X	Harry	Peliska	1991
NX1K	Mark	Swartwout	1998
NZ9I (KC9IJA)	Larry	Noldan	2005
OA4BL	Armando	Hueman	1950
W0EKM	Donald	McNamara	1948
W0IBW	John	Kremers	1950
W0USF	G. P.	Lawrence	1958
W0USL (K9WGN)	John	Korns	1946
W2UOL	Donald	Merton	1942 1964
W3HM (W9HI)	Howard	Bowman	1958
W3HR (W3ERS)	Harold	Reiss	1930
W4DDZ	Theodore	Kercher	1958
W4LCP (W9QYW)	Arlan	Bowen	1958
W4QED (W9UMX)	H. Ellis	Saxton	1958, 1976
W5IBH	Conrad	Williams	1952
W5TGU (9DDU, W9JWT)	Reid	Burrows	1925, 1976
W6NUC (W9KYE)	Ben	Armstrong	1958
W7JSP (W9GQO)	Emmanuel	Irving	1945
W8ELR	Howard	Estes	1951
W8NQV	Gary	Bernske	1967
W8WWA	Fred	Seifert	1946
W8WWX	Chet	Horton	1945
W9ACM	Ted	Hein	1946
W9ADI	Paul	Leser	1937
W9AEM	John	Slatinshek Jr.	1958
W9AEN	Norman	Peterson	1948
W9AER	Herbert	Goltz	1958
W9AEV	Leo	Devine	1948
W9AFT	Harlon	Wright	1948
W9AFW	L.	Spanheimer	1930
W9AGO	Luella	Chambers	1948
W9ALL	Frank	Lutrash	1928
W9AMB	Fred	Morton	1948
W9AMM	Don	Habeck	1959
W9ANB	John	Sharpley	1945
W9AQN	Jim	Hansen	2000
W9AQZ	Andrew	Reichert	1945
W9AR	Gerry	Kendzior	2002
W9ARE	Clyde	Richelieu	1945
W9ATK	Jack	McLeland	1964
W9ATL	James	Lynch	1967
W9ATO	Ed	Cary	1934
W9AVF	Walter	Holzer	1950
W9AVX	Cedric	Currin	1946
W9AWI	Rosemarie	Canak	1948
W9AXF	William	Deuring	1964
W9AYX	Jackie	Toppe	1948
W9BDA	John	Hoffman	1937
W9BFC	C. W.	Ofelt	1948
W9BG (W9RBI)	Ross	Hansch	1966
W9BL	Gil	Andrew	1983
W9BLQ	William	Fake	1964
W9BLY	John	Ludwig	<1948
W9BNN	Leonard	Benson	1946
W9BNQ	Walter	Rubin	1937
W9BPR	Martin	Zavodnik	1945
W9BTM	Evan (Van)	Smith	1958
W9BTQ	Milt	Krauthoff	1969
W9BVR	William	Crain	1934
W9CAS	Herb	Berg	1937
W9CBS	Raymond	Kass	1946
W9CCD	Herb	Parish	1937
W9CCZ	Kenneth	Jacobchick	1946
W9CDY	Norman	Barnes	1941
W9CHD	Charles	Merten	1957
W9CID	Irving	Jackson	1945
W9CIO (W1PZK)	Logan	Hines	1948

W9CJN	Wilner	Erickson	1937
W9CJO	Royal	Miller	1950
W9CRG	Bernard	Philippsen	1934
W9CRK	James	Wolff	1937
W9CRQ	Rex	Neilson	2006
W9CRQ	Rex	Nielson	2006
W9CTI	Chester	Sakura	1967
W9CUA (W5JOB)	Gene	Kersten	1942
W9CUJ	Dohrman	McMillin	1937
W9CUS	Walter	Prichard	1961
W9CUW	Charles	Dawson	1946
W9CUZ	Walter	Reid	1964
W9CWK	Joseph	Kuranz	1956
W9CXG	Theron	Melotte	1948
W9CXW	Herman	Pannenbacker	1948
W9CYI	Robert	Immekus	1948, 1998
W9DC	Walter J.	Stromberg	1942
W9DFI	Charles	Frederickson	1948
W9DFJ	Irvin	Berens	1934
W9DGB	John	Koehler	1950
W9DGO	Robert	Huenemann	1958
W9DH (W9PQA)	Loren	Ashwood	1958, 1983
W9DIA	Terry	Sterman	1957
W9DII	George	Wood	1937
W9DIJ	Oliver	Zander	1934
W9DJC	Ray	Behmke	1941
W9DJV (W2OAA)	Harry	Paston	
W9DLQ	James	Reeves	1948
W9DOS	Sigmund	Wysocki	1945, 1956
W9DR	James	Douglas	1948
W9DTK	Fred	Catel	1923
W9DVD	Eugene	Schmidt	1958
W9DVD (W9VWG, WN9EHA)	George	Ruger	1934
W9DWA	Paul	Schwietering	1958
W9DWI	George	Bowen	1937
W9DWJ	Earl	Erb	1948
W9DXG	Frank	Gradischnig	1958
W9DYF	Louis	Kulinski	1945
W9DYG	Fred	Borcherdt	1958
W9DYO	Edgar	Smith	1941
W9DZE	Grant	Fitch	1958
W9DZZ	Alexander	Smith	1945
W9EAN	Steve	Potandy	1946
W9EBG	Frank	Kneiser	1948
W9EBJ	Ronnie	Kalkhoff	1950
W9ECL	Phil	Laeser	1980
W9EEL	John	Wilkinson	1934
W9EFX	Frederich	Seifert	1934

W9EH (WB9IJY)	Robert	Burgermeister	1973
W9EIH			1934
W9ELA			1937
W9EMC (KB9NGW)	William	Lubitz	1996
W9EPO	William	Wing	1958
W9EQP	William	Brossmann	1937
W9ESE	Elmer	Ash	1945
W9ESF (9ESF)	Donald	Seibel Sr.	1925?
W9ESJ	Alfred	Hennig	1941
W9ESQ	Herbert	Reinke	1931
W9ESR	Fred	Schmidt	1964
W9EWW	Edward	Diedrich Jr.	1937
W9EXW	John	Haugh	1948
W9EYH	Walter	Wallace	1933
W9EYV	Joe	Bryson	1946
W9EZP	Henry (Art)	Brown	1951
W9FAD	Quintin	Peters	1945
W9FAJ	Bruce	Bond	1948
W9FBD	Carl	Roliff	1948
W9FBT	Arnold	Redlich	1950
W9FDX	Douglas	Pavek	1948
W9FES	Joseph	Yech	1948
W9FFC	Robert	Schefke	1978
W9FHF	Roman	Czekalski	1948
W9FJE	Allois	Geiersbach	1945
W9FMI	Lloyd	Lewis	1937
W9FNC	Roger	Ponto	1948
W9FNL	Howard	Lasanske	1950
W9FPA	William	Haase	1980
W9FSV	Henry	Barnes	1931
W9FTE	Richard	Sanborn	1958
W9FTY	Gildea	Hutchinson	1964
W9FVW	Delbert	Richardson	1946
W9FXA	Jim	Effa	1961
W9FY	D. Wesley	Correll	1945
W9GAH (W9EAH)	Joseph	Stevens	1942
W9GCF	Robert	Schoessow	1958
W9GCL	Charles	Meyer	1942
W9GER	Joe	Thompson Sr	1994
W9GES	Frank	Sepic	1951
W9GHN			1947
W9GIL	John	Scarvaci	1931
W9GIN	Danny	Cosgrove	1950
W9GIR	Robert	Allen	1950
W9GJJ	Jack	Parker	1964
W9GKE	Albert	Jorgensen	1945
W9GKT	Robert	Turner	1946
W9GLA	Charles	Wittkop	1950
W9GMP	Gilbert Walter	Rink	1946
W9GNW	John	Rashinsky	1942

W9GPI	John (Jack)	Doyle	1937
W9GSP	Herbert	Baker	1934
W9GWS	Ronald	Smith	1958
W9GXN	George	Dodge	1978
W9GYE	Richard	Haskey	1958
W9GZR	Joseph	Harkness	1949
W9HAT	John	Coleman	1958
W9HCA	Roger	Loebel	1955
W9HCN	Richard	Lazarski	1958
W9HDE	Daniel	Freiburger	1950
W9HDH	Vernon	Fabishak	1950
W9HDW	L. G.	Thelaner Sr.	1958
W9HFA	John	Larkin	1934
W9HFJ	Melvin	Frank	1931
W9HHG			1934
W9HIF	Lowell	Koeppell	1950
W9HMO	Irvin	Weinman	1946
W9HPZ	Anthony	Barszcz	1937
W9HRM	Erwin	Kreis	1933
W9HTJ	Ray	Host	1950
W9HXE	Karl	Pearson	1958
W9ICM	George	Chapman	1976
W9IDV	Victor	Kranitz	1941
W9IDW	Gerald	Bergmann	1950
W9IFS	Frank	Schachtely	1950
W9IO (W9LVR)	Russ	Greenwood	1946
W9IRC (W3GZY)	Rolland	Rahr	1959
W9IRZ	Raymond	Thompson	1950
W9ITD	Ray	Truemner	1937
W9ITJ	Victor	Chambers	1941
W9ITT	Herman	Gross	1969
W9ITZ	Edward	Mahnke	1934
W9IWT	Elton	Stolberg	1948
W9IZH	Robert	Bohmann	1950
W9IZM	Gordon	Davidson	1980
W9IZO	Thomas	Gettelman	1931, 1941
W9IZQ	George	Pfister	1937
W9IZT	Robert	Porth	1934
W9JBE	Richard	Wood	
W9JBI	Chester	Tucholski	1930
W9JCW	Walter	Burke	1950
W9JGE	Lester	Srnka	1937
W9JK (W9UJM)	Jack	Krause	1948, 1971
W9JPK	Carl	Stanfield	1934
W9JPS	Roman	Hudzinski	1938
W9JY (W9QHT)	George	Pasdirtz	1958
W9KCY	Jack	Bock	1942
W9KDZ	Anton	Smrekar	1964
W9KEG	Frank	Karioris	1950
W9KEJ	Wayne	Mueller	1958

W9KEU	Clarence	Burke	1946
W9KFB	Arthur	Trautmann	1945
W9KFM	John	Toennessen	1958
W9KHE	Alexander	Krasonya	1945
W9KIJ	Edward	Thornley	1942
W9KJA (W9AKB)	John	Ottmann	1946
W9KJR	Milton	Peters	1946
W9KJW	Donald	Street	1958
W9KKK	Robert	Streeter	1946
W9KLK	George	Greeson	1948
W9KLN	Robert	Meyer	1941
W9KMF	James	Keller	1946
W9KNZ	James	Zabel	1971
W9KQD	Donald	Gross	1956
W9KSP	John	Deisinger	1942
W9KVX	Walter	Laing	1958
W9KYT	John	Hopwood	1967
W9KZQ	Norman	Brushaber	1950
W9LAD	Bruno	Plitzko	1934
W9LBF	Harry	Zimdars	1958
W9LBV	Barney	Nawn	1951
W9LCD	James	Ott	1950
W9LDQ	Van	Dooley	1946
W9LFK	Carl	Thoms	1937
W9LGO	Ottmar	Noeske	1941
W9LH	Bob	Guthrie	1941
W9LIC	Richard	Soref	1950
W9LIO	Alan	Veed	1952
W9LJT	Joe	Thompson	1950
W9LJU	Raymond	Peschek	1937
W9LJV	Robert	Lathrob	1950
W9LOH	Peter	Borse	1934
W9LPF	James	Fischer	1935
W9LPF	John	Moriarity	1951
W9LQR	John	Knapp	1945
W9LSH	Clarence	Hammes	1945
W9LSK	Will	Herzog	1950
W9LUC	Alex	Brzuskiewicz	1950
W9LUE	Gary	Stein	1964
W9LUQ	Earl	Jenkins	????
W9LVV	Albert	Gibes	1950
W9LZU	Curtis	Schultz	1942
W9LZY	Richard	Lathrop	1946
W9MCU	Stanley	St. Onge	1958
W9MCU (WB9UEN)	Steven	St. Onge	2010
W9MDG	Elden	Belanger	1948
W9MFB	Howard	Schultz	1950
W9MGT	Leonore	Zavodnik	1951
W9MJE	Anthony	Mis	1958
W9MLW	Rickard	Prokop	1980
W9MOT	Ken	Eggert	1948
W9MPV	Edmund	Terborg	1941

W9MPZ	Francis	Loftus	1946, 1976
W9MPZ	Frank	Lostus	1947
W9MQA	Herbert	Zuarra	1958
W9MQD	Maurice	Heppe	1958
W9MWD	Robert	Perthel	1948
W9MZZ	Fred	Russell	1942
W9NEM	John	Guerard	1951
W9NGM	Frank	Albert Jr.	1950
W9NGT	Sherman	Carr	1978
W9NGV	Lowell	Warshawsky	1964
W9NHE	Ted	Willett	1967
W9NHG	Harold	Strothmann	1941
W9NKK	Douglas	Kluge	1948
W9NLV	Armin	Schmidt	1958
W9NLY	Frank	Seboth	1958
W9NMA (KC6MWQ)	Arthur	Strege	1951
W9NMF			1937
W9NNV	Kendel	Swartz	1941
W9NPS			1934
W9NQH	Paul	Hoecher	1950
W9NRX	Joseph	Kircher	1937
W9NSC	Jerome	Dolezal	1992
W9NTZ	James	Slamer	1994
W9NUE	Roger	Rogers	1977
W9NVQ	Wilber	Price	1941
W9NY (9AEX,9NY)	Herbert	Wareing	1922
W9NYL	Raymond	Breecher	1946
W9NZF (W9ZOL, W2HWI, W2LTS, W0NZF)	Fred	Linn	1970
W9OBU	Ray	Anderson	1934
W9OBZ	Chester	Walters	1945
W9ODN	Howard	Deller	1948
W9OI	Walter	Fitting	1958
W9OLV	Leroy	Watson	1950
W9OMN	G. A.	Clouser	1956
W9OMY	Jack	Kumath	1959
W9OMZ	Jeanne	Pavek	1951
W9ONY	Fred	Zolin	1937
W9OOL	Ted	Lively	1945
W9OOO	Donald	Haymer	1983
W9OPS	Thomas	Herzog	1950
W9OQS	Daniel	Jeziorski	1991
W9OSS	Herman	Frisall	1934
W9OTF	L. D.	Drugmand	1946
W9OUB	Norbert J.(Dick)	Richard	1937
W9OVW			
W9OWM	Charles	Ackerman	1946
W9OXP	John	Reinke	1941

W9OYT	Robert John	Schmidli	1958
W9PAS	William	Reed	1967
W9PGL	Vern	Petersen	1981
W9PH	Richard	Hanson	1983
W9PH	Richard	Ranson	1976
W9PHQ	Henry	Goeden	1945
W9PRA	Robert	Stephenson Jr.	1934
W9PST	Don	Dregenberg	1958
W9PTE	Lester	Reinmund	1934
W9PWG	Edward	Wille	1938, 1977
W9PXA	Fred	Ebel	1950
W9PYM	Joseph	Collins	1934
W9QEZ	John	Pettigrew	1946
W9QF (KD9LEH)	David	Lehew	2010
W9QFL	George	Toppe	1945
W9QHL	Tom J.	Bailey	1946
W9QHU	Randolph	Michel	1958
W9QIZ	T. K.	Hawley	1937
W9QKQ	Everett	Kriese	1946
W9QMA	Dorothy	Fabishak	1958
W9QMD	Fred	Eltzsch	1957
W9QUD			1937
W9QUN	Ernest	Behagen	1945
W9QWE	Dewey	Glaser	1941
W9RAQ	Peter	Stanys	1945
W9RFD	Bob	Dunham	2010
W9RFN	William	Radermacher	1950
W9RH (9RH)	Emil	Felber Jr.	1924
W9RK (N9UAT, AA9NX, N9RK)	Roger	Kanieski	1993
W9RKP	Russ	Burss	1934
W9RNA	Earl	Pahl	1948
W9ROM	Carl	Rohde	1941
W9ROO	Arthur	Woolfolk	1945
W9RPI	Harold	Bartell	1951
W9RSA	William	Kittson	1934
W9RTZ	Howard	Timm	1950
W9RUF	Ralph	Koenig	1934
W9RUJ	Mary	Meyer	1948
W9RUQ	James	McGee	1958
W9RXS	Irwin	Waldman	1958
W9RYA	Vern	Teske	1964
W9RYR	Emmett	Schoen	1950
W9RZD	Joseph	Ellenbecker	1954?
W9SAA	Henry	Dean	1958
W9SD (W9NVH)	Walter C	Schlaugat, Jr	1940
W9SFH (WA9SFH)	Jerry	Thompson	1992
W9SIZ	Paul	Ripple	1942
W9SKF	Norman	Krohne	1946

W9SLC	Wayne	Bittner	1946
W9SNK	H. Charles	Kaetel	1945
W9SO	William	Gainer	1937
W9SPS	Victor	Straessle	1948
W9SQK	Cyril	Shallow	1942
W9SQL	Joseph	Dzidzan	1946
W9STE	Eric	Mildebrath	1948
W9STK	John	Marshall	1946
W9STP	Harvey	Pfeifer	1958
W9SUB	Robert	Gallun	1948
W9SYT	Wendell	Ciganek	1937
W9TFD	Edgar	Bailey	1950
W9THE	Chuck	Mitchell	1982
W9THH	Milton	Kerlin	1946
W9THN	Robert	Hunteman	1950
W9TKY	Paul	Leeb	1946
W9TMJ	James	Breitweiser	1976
W9TQ	Victor	Tresidder	1976
W9TXF	Norman	Lewis	1937
W9UAM	Bernard	Wright	1946
W9UBA	Charles	Haut	1958
W9UBR	Henry	Boehm	1946
W9UDK	George	Zurbuchen	1958
W9UEO	Charles	Mouzis	1946
W9UEP	Dave	Sutton	1956
W9UGE	Ray	Cooke	1945
W9UGN	Robert	Glamm	1935, 1969
W9UGZ	John	Kubash	1946
W9UHZ (W9GTB)	Pasquale	Eannelli	1939
W9ULA	John (Jack)	Hughes	1959
W9ULE			1937
W9UMP			1937
W9UNJ	Patrick	Shanahan	1958
W9UNY			1937
W9UOE	Jerome	Becker	1958, 1983
W9UPM	Lester	Gerlach	1937, 1995
W9UVV	Roger	Zaun	1978
W9VAN		Braun	1942
W9VAT	John	Lefeber	1953
W9VBQ	Thomas	Murtaugh	
W9VBZ	Edward	Buchholz	1958
W9VCC	Donald	Dallmann	1958
W9VD (9VD)	Clarence	Crapo	1919
W9VDL	Louis	Salomon	1946
W9VDV	Kenneth	Voigt	1958
W9VDY	Robert	Schmidt	1937
W9VHP	Ralph	Potter	1958
W9VHX (W5BTL)	R. H.	Baker	1945
W9VIB	Henry	Koch	1937
W9VKC	Sidney	Rose	1941
W9VKR	Bob	Pinter	1957
W9VLD	Louis (L. J.)	Soloman	1937
W9VLK	Fred	Krause	1938
W9VOD	Bruce	Keymar	1958
W9VQD	J. Travis	Baird	1932
W9VQG	Robert	Hetzel	1956
W9VSO	Art	Vahovius	1946
W9VSP	John	Bonnett	1958
W9VZJ	Herbert	Schmitt	1937
W9VZR	Charles	Klawitter	1983
W9WAC	Robert	Posanski	1951
W9WCF (KA9GVX, N9IBU)	William	Fullhart	1949, 1980
W9WCR	Ralph	Green	1946
W9WHX			1937
W9WIH	Verne	Lampiris	1946
W9WK	Caroll “Tommy”	Thomas	1937
W9WLD	August	Sabel	1946
W9WSY			1937
W9WTO	Warren	Allen	1958
W9WVL	George	Fields	1937
W9WYE	Leonard	Kendzierski	1958
W9WYJ	Florence	Belanger	1958
W9WYP			1937
W9WZ (W9WZS)	Melvin	Bernstein	1941, 1976
W9YCQ	William	Berg	
W9YCV	Lester	Peterson	1972
W9YDO	Sid	Williams	1958
W9YEG	Frederick	Lambrecht	1937
W9YFW	Gordon	Fedder	1952
W9YGX	David	Poland	1958
W9YGZ	Carl	Weber	1937
W9YOZ	Edward	Demartini	1958
W9YSO	H. Frank	Horak	1941
W9YWK			1937
W9YYW	Walt	Glish	1957
W9YYY	Clarence	Wahner	1946
W9YZD	Miles	McNamara	1958
W9YZG	Gary	Olson	1958
W9ZAN	Eugene	Strzyzewski	1958
W9ZAS	Russell	Sobozyk	1957
W9ZB	Robert	Wilson	1964
W9ZBM	Earl	Robertson	1966
W9ZBP	Leonard	Geier	1937
W9ZGH			1937
W9ZLD	Howard	Frey	1957
W9ZNE	Rev. Andrew	Redig	1948
W9ZNF	Alfred	Lietzke	1958
W9ZO	Patrick	Malloy	1980, 1996

W9ZOL (KB9LTT)	Willard	Lorenz	1998
W9ZPV	Richard	Oberholtzer	1953
W9ZQK (KI4WV)	Gordon	Weiler	1970
W9ZTP			1937
W9ZUX	Elmer	Schultz	1937
WA9AOE	Leland	Lammage	1983
WA9AOL	Michel	Nazzoni	1967
WA9BMA	Ed	Bach	1974
WA9CFA	Lester	Moldenhaur	1950, 1990
WA9CGE	Gerald	Wahlen	2000
WA9CNA	Larry	Staats	1976
WA9DWZ	William	Kassulke	1967
WA9EMJ	Lillian	Wunsch	1983?
WA9EPY	Ralph	Zimmerman	1994
WA9ERI	Donald	Uecke	
WA9GJV	James	Taylor	1964
WA9HAH	Edmund	Scrip	1983
WA9HED	Lee	Lansinger	1963
WA9HEF	Stanley	Fadeski	1964
WA9HHT	Paul	Henning	1964
WA9IFF	Mike	Buday	1994
WA9JGI	William	Fluegge	1967
WA9JKD	Lloyd	Wantland	1969
WA9JLU	Robert	Price	1964
WA9JMO	Larry	McCalvy	1980, 2006
WA9JOV	Raymond	Weeks	1964
WA9JWU	Francis	Derrick	1967
WA9KNL	Frank	Hamerski	1967
WA9LBO	Robert	Thielen	1980
WA9LMR	Maurice	Sapienza	1964
WA9LZM	Richard	Johnson	1978
WA9MLL	Wells	Wait	1969
WA9MLY	Ralph	Parker	1976
WA9MME	Richard	Kimball	
WA9MOF	Allen	Rasmussen	1966
WA9NAY	John	Friedrichsen	1994
WA9PZU	Mel	Amidzich	1979
WA9RDI	Ted	Stiller	1979
WA9RYF	Howard	Traxler	1969, 2005
WA9RYR	Thomas	Wait	1969
WA9SGB	Jack	McKenty	1967
WA9SYD	Robert	Stuckert	1967
WA9TID	Robert	Graushar	1996
WA9UVK	Herbert	Roehner	1980
WA9VNF	J. M.	Cook	1976
WA9VNJ	Steve	Reyer	1969
WA9WIN	Mike	Wilkinson	1969
WA9YAL (KF9QD)	Nels	Friis	1994
WB6SWU	John	Moriarity	1967
WB9AIS	Richard	Roblins Jr.	1969
WB9AJL	Fred	Brethauer	1969
WB9AON	Gary	Ertel	1984
WB9AUE	Kimbal	Nap	1969
WB9BWP	Dave	DeFebo	1968
WB9DHF	Michael	Varga	1996
WB9EEL	Donovan	Peterson	1937
WB9FKK	Michael	Blenski	1976
WB9FPR	Mark	Goitermann	2010
WB9FVH	Charles	Mitrowke	1976
WB9GYT	Rick	Kissell	1995
WB9HSW	Richard	Schoessow	1976, 1990
WB9IJT			1991?
WB9JWT	Roger	Giesfeldt	1983
WB9KAB	Adrian	Bloomberg	1976
WB9KYR	Paul	Leising	1978
WB9LLW	Kenneth	Dziubek	1983
WB9LNU (TG9JT, WB6SQR)	James	Tromblay	1991
WB9OJD	Erling	Gruel	1980
WB9PKL	Marvin	Rutishauser	1978
WB9PSE	John	Merkl	1992
WB9PTC	Dick	McNew	1978? 1996
WB9QIE	Michael	Ruzicka	1980
WB9RMC	Winfried	Jusak	1983
WB9RQR	Stan	Kaplan	1983
WB9RSK	James	Herriges	2008
WB9RYK	Dale	Wakeley	1980
WB9RYL	Edward	Uhl	1980
WB9SDD	Larry	Christianson	1980
WB9SMM	John	Leekley	1999
WB9SMP	Robert	Treptow	1983
WB9TIK	Robert	Kastellic	2011
WB9TYV	Alfred	DeAmico	1980
WB9UHJ	David	Lingelbach	1977
WB9VSM	Ray	Mueller	1983
WB9ZKT	Steve	Schwendtner	1978
WB9ZKU	Tim	Hendricks	1977
WB9ZKV	Bob	Wolf	1980
WB9ZRB	Paul	Alm	1978
WD9AMO (N9FEW)	Philip	Noftz	1980
WD9DHI	Gregg	Lengling	1978
WD9DID	Earl	Anderson	1980
WD9DNM	Richard	Lyons	2000
WD9DYF	Burbank	Murray	1980
WD9EAU	Gordon	Griffith	1980
WD9EFN	John	Tankersly	1983?
WD9EUF	Michael	Taylor	1983
WD9EUN	Alan	Klager	1980
WD9FCH	Ronald	Lolliffe	1983
WD9FIR	Ruth	Finch	1980

WD9FIS	Robert	Beckman	
WD9GFV	John	Schram	1980
WD9GHA	John	Adams	1980
WD9GHV	Edward	Arendt Sr.	1980
WD9GZI	Franklin	Beider	1980
WD9GZL	Christopher	Welton	1978
WD9GZM	Glen	Rearick	1980
WD9GZS	Karl	Ratzman	1978
WD9HAS	Skip	Voros	1983
WD9HBZ	Duane	Mitchell	1980
WD9HHI	Burt	Zuckerman	1983
WD9HOB	Edward	Arendt Jr.	1980
WD9JKZ	Sylvester	Janczak	1980
WD9X	Jay	Maple	
WG9I (WA9RWA)	Richard	Helz	1967
WI9TOM	Thomas	Liebe	
WI9VAL	Valerie	Noldan	2005
WK9H	Kenneth	Hahn	2005
WN9DJF	Gustav	Marx	1937
WN9RYR	Steven	Dryja	1976
WN9TLG	Michael	McCoy	1966
WS9I	Michael	Mikecz	2012
WW9R (KA9OIZ)	Patrick	Hoppe	1980 2005

Silent Keys

(2013)

For a club in existence as long as MRAC a Silent Key list would obviously be as long as the all time member list. For now, it is just a beginning and is very short covering only the last 14 years along with some notable entries from years earlier. You may ask why list the people again? The list of Silent Keys is the last bit of respect the club can pay to past members (even if they were not members at the time of their passing). It may also try to make up for perhaps not mentioning the people through normal club channels when they did pass

The following list includes the year joined the club in parenthesis (where known). Hopefully, the year the person passed is correct.

As always, if you have any information for this list please let us know.

1946
Erwin Kreis W9HRM (1933)

1967
Jack Doyle W9GPI (1937)
Emil Felber W9RH (1924)

1968
Walter Prichard W9CUS (1961)
W9OVW (????)

1973
Clarence Crapo W9VD (1919)

1978
George Ruger W9DVD (1934)

1980
Norbert J.(Dick) Richard W9UOB (1937)

1986
Daniel Gellerup 9AOE (1917?)

1987
Walter Glish W9YYW (1957)

1988
H. Charles Kaetel W9SNK (1945)

1996
J. Travis Baird W9VQD (1932)

1998
Fred Kraus W9VLK (1938)
Phil Lehman KB9FOQ (1991)

1999
Raymond Gabik N9VME (1993)
Elmer Gutknecht (1982)
Jerry Melotik KC9EV (1980)
Sam Safro K9OXH (1961)
Dick Schlatterer KA9MTY (1982)
Terry Sterman W9DIA (1957)
Orv Stewart KA9ONQ (1990)
Ed Wille W9PWG (1938, 1977)

2001
Jack McLeland W9ATK (1964)

2002
Donna Cieszki N9INT (1991)
Clifford Staeven AA9VL (1996)

2003
Thomas Gettelman W9IZO (1931)

2004
George Pfister W9IZQ (1939)
Fred Recklies KB9JBG (1994)

2005
Lester Gerlach W9UPM (1937, 1995)

2006
Jack Pierce N9HIP (2000)

2007
Harry Cieszki K4VKW (KD9AJ) (1983)
Jack Krause W9JK (W9UJM) (1948, 1971)
Dick McNew WB9PTC (1978, 1996)

2008
Bessie Beider N9QIT (1991)
Bill Brossman W9EQP (193?)
Bob Fetterly N9HWB (1989, 2007)
John Koehler W9DGB (1950)
Brad Reeves N9KXA (2005)
Bob Tisdale AA9VO (1996)

2009
Delbert Clark KA9ZMK (1987)
Dave Knaus N9QA (WA9POV) (1971)
Valorie Noldan WI9VAL (2005)
Walter C Schlaugat, Jr W9SD (W9NVH) (1940)
Bill Witt N9KY (1983)

2010
Robert Denneay KA9AAB (2008)
Ed Seruga KE9JJ (1951, 1981)
Vern Teske W9RYA (1964)
Sandra Schlaugat KC9EPA (2003)
Joe Rayome KE9LL (1987)
Edgar Smith W9DYO (1941)

2011
Richard Scarvaci K9CAN (1956)
Sylvester Janczak WD9JKZ (1980)
Roger Zaun W9UVV (1978)
Les Peterson W9YCV (1972)
Roger “Ken” Rogers W9NUE (1977)

2012
Brian White K9LCQ (1996)
Roman Hudzinski W9JPS (1938)
Jan Dunham K9JLD (2010)
John Wilhelm N9JFA (1991)
Kimbel Nap WB9AUE (1969)
Fred Linn W9NZF (as well as over the years W9ZOL, W2HWI, W2LTS, W0NZF) (1970)

2013
Robert Schefke W9FFC (1978)
Ken Eggert W9MOT (1948)